



No. 42

19 OCTOBER 2002



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Imagery and Mapping Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at  
<http://pollux.nss.nima.mil/>



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage ([www.nima.mil](http://www.nima.mil)) under the Safety of Navigation icon or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nima.mil](mailto:NavNotices@nima.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nima.mil](mailto:SDPUBS@nima.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nima.mil](mailto:webmaster_nss@nima.mil).

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Kevin Poyant	M/V SEA RIVER LONG BEACH

**Cover Photo:** The **USS ABRAHAM LINCOLN (CVN-72)** is America's fifth Nimitz class carrier and was named in honor of our nation's 16th President and the second ship to bear the name. She was built in Virginia by Newport News Shipbuilding and Drydock Co. at a cost of more than \$3.5 billion. Construction took nearly five years and more than 40 million manhours. A marvel of engineering, craftsmanship and technology she was christened on 13 February 1988 and was commissioned 11 November 1989. **USS ABRAHAM LINCOLN** is charged with supporting America's tactical air capability and maintaining open sea lanes. As it carries out this mission on the oceans of the world, Lincoln brings a message of peace through strength. The ship's logo, "shall not perish," comes from President Lincoln's own vision of our nation described in his famous Gettysburg Address: "...that the government of the people, by the people, for the people, shall not perish from the Earth". She is 1,092 feet in length, has a beam of 252 feet, a height of 206 feet, a full displacement of 104,112 tons and it's four main engines develop 260,000 SHP. She can carry 80+ tactical, combat and support aircraft including the F/A-18 Hornet, F-14 Tomcat, EA-6B Prowler, S-3B Viking, C-2A Greyhound, E-2C Hawkeye, SH-60F Seahawk and HH-60H Helicopter. She can accommodate 6,000+ sailors and 200 Officers. The Lincoln is homeported at Naval Station Everett, Washington.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

**NM 42/02**

# HYDROGRAM

**National Imagery and Mapping Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
NEW PRODUCTS  
OR SERVICES  
IMPORTANT  
CHANGES

**19 October 2002**

## **NEW EDITION OF SAILING DIRECTIONS**

PUB. 159, SAILING DIRECTIONS (ENROUTE) JAPAN VOLUME II, EIGHTH EDITION, 2002, IS READY FOR ISSUE. SEE SECTIONS II AND III.

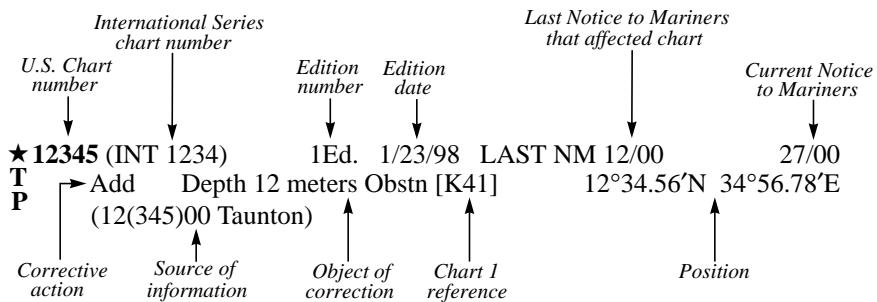
## **CHANGES TO 2003 EDITIONS OF NOS TIDE AND TIDAL CURRENT TABLES**

A NUMBER OF REFERENCE STATIONS FOR NOS TIDE AND TIDAL CURRENT TABLES HAVE BEEN ADDED AND DELETED. SEE SECTION III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NIMA List of Lights.

**Section II-5** lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

**NM 42/02**

<b>411</b>	48Ed. 4/28/01 LAST NM 40/02 Add Submerged well (cov 1106fms) [L20] (38/02 CG8)	42/02 26°42'N 90°53'W	<b>★11349</b> 40Ed. 7/02 LAST NM 38/02 Add Platform [L10] (38/02 CG8)	42/02 29°21'27"N 92°17'29"W
<b>1113A</b>	Ed. 1/13/01 LAST NM 39/02 Change Light "2" to "NP" Mo(A) 16ft 5M (35/02 CG7)	42/02 27°18.9'N 82°35.9'W	<b>★11356</b> 34Ed. 8/4/01 LAST NM 40/02 Add Platform [L10] (38/02 CG8)	42/02 28°44'59"N 91°03'29"W
<b>1116A</b>	Delete Ed. 6/9/01 LAST NM 40/02 Platform	42/02 28°11.4'N 93°35.4'W	<b>★11357</b> 35Ed. 6/02 LAST NM 40/02 Delete Platform (38/02 CG8)	42/02 28°54'19"N 90°15'41"W
	Add Dashed-line circle "Obstn (Fish haven)" (cov 14fms) marked by buoy Y (Priv) Note: Platform remains	28°04.2'N 93°28.3'W	<b>★11358</b> 51Ed. 3/30/02 LAST NM 39/02 Add Platform [L10] (38/02 CG8)	42/02 29°06'40"N 90°05'19"W
	Submerged well (cov 47fms) [L20] marked by buoy R, QR (Priv)	27°57.9'N 94°13.3'W (38/02 CG8)	<b>11365</b> 16Ed. 10/27/01 LAST NM 40/02 <b>(Side B)</b> Add Platform [L10] (38/02 CG8)	42/02 29°06'40"N 90°05'19"W
<b>1117A</b>	Ed. 4/6/02 LAST NM 41/02 Add Submerged well (cov 47fms) [L20] marked by buoy R, QR (Priv)	42/02 27°57.9'N 94°13.3'W	<b>★11373</b> 42Ed. 6/02 LAST NM 41/02 Add Light "WR8" Q 17ft 3M Ra ref at dangerous wreck (PA) Light "WR6" Fl 4s 17ft 3M Ra ref at dangerous wreck (PA) (38/02 CG8)	42/02 30°18'53"N 88°20'28"W 30°20'35"N 88°20'56"W
<b>★11004</b>	7Ed. 10/29/94 LAST NM 40/02 Add Submerged well (cov 2022m) [L20]	42/02 26°41.7'N 90°53.5'W	<b>11374</b> 30Ed. 3/24/01 LAST NM 41/02 <b>(Side B)</b> Substitute Dangerous wreck [K28] (PA) marked by light "WR8" Q 17ft 3M Ra ref for stranded wreck (PA)	42/02 30°18'52.7"N 88°20'28.0"W
	Depth 25.5 meters with legend "Fish haven" enclosed by dashed-line circle	28°04.2'N 93°28.3'W	Add Light "WR6" Fl 4s 17ft 3M Ra ref (38/02 CG8; US CH 11373)	30°20'34.5"N 88°20'55.9"W
	Submerged well (cov 85m) [L20]	27°57.9'N 94°13.3'W		
	Platform [L10] and depth 25.5 meters with legend "Fish haven" enclosed by dashed-line circle	27°51.3'N 96°11.4'W (38/02 CG8)		
<b>★11300</b>	38Ed. 4/6/02 LAST NM 41/02 Add Submerged well (cov 47fms) [L20] marked by buoy R, QR (Priv)	42/02 27°57.9'N 94°13.3'W	<b>★11412</b> 41Ed. 8/02 NEW EDITION Delete Legend "PA"	42/02 27°38'03"N 82°40'12"W
	Dashed-line circle "Obstn (Fish haven)" (cov 14fms) marked by buoy Y (Priv)	27°51.3'N 96°11.4'W	Change Light to Fl 4s 16ft 5M (NOS; USCG LL)	27°35'54"N 82°45'26"W
	Note: Platform remains			
	(38/02 CG8)			
<b>★11330</b>	13Ed. 4/21/01 LAST NM 41/02 Delete Platform (38/02 CG8)	42/02 28°11.5'N 93°35.4'W	<b>★11415</b> 5Ed. 8/02 NEW EDITION (NOS)	42/02
<b>★11332</b>	28Ed. 8/02 NEW EDITION Delete Platform (Previously published 39/02) (NOS)	42/02 29°16'30"N 94°21'17"W	<b>★11416</b> 5Ed. 8/02 NEW EDITION Delete Light flare symbol and legend "Q 23ft" in vicinity (Previously published 40/02)	42/02 27°48'46"N 82°34'39"W
			Delete Legend "PA"	27°38'05"N 82°39'54"W
			Change Light "67" to QG 16ft 4M (NOS; USCG LL)	27°32'06"N 82°42'06"W
<b>★11340</b>	66Ed. 6/9/01 LAST NM 40/02 Delete Platform	42/02 28°11.4'N 93°35.4'W	<b>11420</b> 26Ed. 1/13/01 LAST NM 39/02 Change Light "2" to "NP" Mo(A) 16ft 5M (35/02 CG7)	42/02 27°18.9'N 82°35.9'W
	Add Dashed-line circle "Obstn (Fish haven)" (cov 14fms) marked by buoy Y (Priv)	28°04.2'N 93°28.3'W		
	Note: Platform remains			
	Submerged well (cov 47fms) [L20] marked by buoy R, QR (Priv)	27°57.9'N 94°13.3'W (38/02 CG8)	<b>11423</b> 7Ed. 8/10/96 LAST NM N39/02 Delete Buoy "2"	N42/02 27°19.1'N 82°36.1'W
<b>★11347</b>	33Ed. 7/02 NEW EDITION <b>(Side A)</b> Add Tabulation of controlling depths from Subsection I-2 (Previously published 38/02)	42/02	Add Light "NP" Mo(A) 16ft 5M (35/02 CG7; USCG LL)	27°18.9'N 82°35.9'W
	<b>(Side B)</b> Add Tabulation of controlling depths from Subsection I-2 (Previously published 38/02) (NOS)			
			<b>★11424</b> 17Ed. 10/5/96 LAST NM 36/02 Delete Buoy "2"	42/02 27°18'58"N 82°36'06"W
			Add Light "NP" Mo(A) 16ft 5M (35/02 CG7; USCG LL)	27°18'54"N 82°35'53"W
			<b>11425</b> 33Ed. 5/6/00 LAST NM 24/02 <b>(Side B)</b> Delete Light "2"	42/02 27°18'55"N 82°35'53"W
				(continued on next page)

## SECTION I

<b>11425</b> (Continued) Add Light "NP" Mo(A) 16ft 5M (35/02 CG7)	27°18'54.3"N 82°35'52.8"W		<b>★12311</b> 41Ed. 9/15/01 LAST NM 31/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	42/02
<b>★11468</b> 39Ed. 8/02 NEW EDITION Add Tabulation of controlling depths from Subsection I-2 (Previously published 39/02) (NOS)		42/02	<b>12312</b> 51Ed. 9/8/01 LAST NM 33/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	42/02
<b>★11481</b> 4Ed. 8/02 NEW EDITION (NOS)		42/02	<b>★12314</b> 29Ed. 4/4/98 LAST NM 10/02 Change Range light, rear to FR 41ft (35/02 CG5)	42/02 40°07'17.5"N 74°46'41.0"W
<b>★11537</b> 33Ed. 12/1/01 LAST NM 40/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)		42/02	<b>12316</b> 28Ed. 8/25/01 LAST NM 39/02 <b>(Side B)</b> Delete Stranded wreck (PA) Depth 29 feet Depth 27 feet Depth 22 feet	42/02 38°52'53"N 74°56'55"W 38°52'40"N 74°55'55"W 38°52'30"N 74°55'44"W 38°52'53"N 74°56'15"W
<b>12200</b> 47Ed. 8/02 LAST NM 38/02 Add Depth 9 fathoms Obstns [K41] (NOS)	38°39.8'N 74°42.9'W	42/02	Add Depth 7 feet Depth 11 feet Depth 7 feet Depth 12 feet Depth 16 feet	38°53'27"N 74°56'51"W 38°53'07"N 74°56'35"W 38°52'45"N 74°56'13"W 38°52'28"N 74°55'39"W 38°52'17"N 74°55'15"W
<b>12201</b> 25Ed. 7/17/99 LAST NM N23/02 Add Depth 9 fathoms Obstns [K41] (See N37/99-12201) (NOS)	38°39.8'N 74°42.9'W	N42/02	(NOS)	
<b>★12214</b> 43Ed. 12/16/00 LAST NM 27/02 Delete Depth 65 feet Wk Depth 64 feet Obstn Stranded wreck (PA) Depth 29 feet Depth 27 feet Depth 26 feet Danger circle "Wk" (PA) Depth 41 feet	38°38'39"N 74°55'24"W 38°38'54"N 74°55'06"W 38°52'54"N 74°56'55"W 38°52'36"N 74°55'52"W 38°52'27"N 74°55'46"W 38°52'19"N 74°55'15"W 38°54'12"N 74°48'49"W 38°54'10"N 74°48'54"W	42/02	<b>★12345</b> 10Ed. 9/02 NEW EDITION (NOS)	42/02
	Substitute Depth 65 feet Rk [K14.2] for 66 feet Rk 38°39'01"N 74°55'03"W Depth 66 feet Rk [K14.2] for 68 feet Rk 38°39'27"N 74°54'15"W		<b>★12368</b> 26Ed. 8/02 NEW EDITION (NOS)	42/02
Add Depth 54 feet Obstns [K41] Depth 7 feet Depth 11 feet Depth 7 feet Depth 12 feet Depth 16 feet Depth 27 feet Wks [K26] (NOS)	38°39'52"N 74°42'55"W 38°53'27"N 74°56'51"W 38°53'07"N 74°56'35"W 38°52'45"N 74°56'13"W 38°52'28"N 74°55'39"W 38°52'17"N 74°55'15"W 38°54'12"N 74°48'53"W		<b>13003</b> 45Ed. 10/28/00 LAST NM 37/02 Add Superbuoy ODAS [Q58] "46017" Y, Fl(4) Y 20s (NTM0031/2002)	42/02 40°41.9'N 71°59.9'W
<b>★12253</b> 42Ed. 1/5/02 LAST NM 38/02 Relocate Beacon "7" from 36°51'19.3"N 76°21'10.6"W to 36°51'18.8"N 76°21'10.7"W (35/02 CG5)	42/02		<b>★13009</b> 30Ed. 8/02 NEW EDITION Change Designation of buoy "BB" to "44018" 41°15.5'N 69°17.6'W (Previously published 37/02) (NOS)	42/02
<b>12300</b> 42Ed. 2/17/01 LAST NM 39/02 Add Superbuoy ODAS [Q58] "46017" Y, Fl(4) Y 20s (NTM0031/2002)	40°41.9'N 71°59.9'W	42/02	<b>★13205</b> 36Ed. 4/14/01 LAST NM 37/02 Add Superbuoy ODAS [Q58] "46017" Y, Fl(4) Y 20s (NTM0031/2002)	42/02 40°41'53"N 71°59'55"W
<b>12301</b> 21Ed. 9/15/01 LAST NM N39/02 Add Superbuoy ODAS [Q58] "46017" Y, Fl(4) Y 20s (NTM0031/2002)		N42/02	<b>13218</b> 38Ed. 3/10/01 LAST NM 29/02 Change Shape of beacon to triangle Add Buoy Y, Fl Y 4s (35/02 CG1)	42/02 41°35'16"N 70°39'12"W 41°33'35"N 70°49'44"W
<b>12304</b> 42Ed. 4/27/02 LAST NM 28/02 Delete Stranded wreck (PA) Depth 29 feet Depth 27 feet Depth 26 feet	38°52'58"N 74°56'53"W 38°52'39"N 74°55'50"W 38°52'27"N 74°55'43"W 38°52'20"N 74°55'12"W	42/02	<b>13229</b> 27Ed. 7/28/01 LAST NM 39/02 <b>(Page F)</b> Add Buoy Y, Fl Y 4s (35/02 CG1)	42/02 41°33'35"N 70°49'44"W
Add Depth 7 feet Depth 11 feet Depth 7 feet Depth 12 feet Depth 16 feet (NOS)	38°53'27"N 74°56'51"W 38°53'07"N 74°56'35"W 38°52'45"N 74°56'13"W 38°52'28"N 74°55'39"W 38°52'17"N 74°55'15"W		<b>13230</b> 45Ed. 3/17/01 LAST NM 39/02 Change Shape of beacon to triangle Add Buoy Y, Fl Y 4s (35/02 CG1)	42/02 41°35'18"N 70°39'13"W 41°33'35"N 70°49'44"W
			<b>★13232</b> 4Ed. 6/30/01 LAST NM 39/02 Add Buoy Y, Fl Y 4s (35/02 CG1)	42/02 41°33'34.8"N 70°49'43.8"W
			<b>13237</b> 38Ed. 3/3/01 LAST NM 17/02 Add Buoy (mooring) [Q40] (PD) (35/02 CG1)	42/02 41°21'00"N 70°05'00"W
			<b>★13241</b> 15Ed. 3/23/02 LAST NM 34/02 Add Buoy (mooring) [Q40] (PD) (35/02 CG1)	42/02 41°21'00"N 70°05'00"W

## SECTION I

NM 42/02

<b>*13309</b>	28Ed. 9/02 (NOS)	NEW EDITION	42/02	(NOS)	Depth 2 fathoms 2 feet	61°10.8'N 150°06.4'W
<b>*14836</b>	27Ed. 8/02 (NOS)	NEW EDITION	42/02	<b>16663</b>	6Ed. 5/12/01 LAST NM 29/02 Substitute Dotted-line circle (marsh) with green tint for depth 2 fathoms 1 foot 61°11'56"N 150°03'11"W Depth 6 fathoms 3 feet Rk [K14] for 7 fathoms 4 feet 61°12'50"N 150°01'15"W Depth 5 fathoms 2 feet for 7 fathoms 2 feet 61°12'16"N 150°03'32"W Depth 2 fathoms 5 feet for 4 fathoms 5 feet 61°11'37"N 150°04'43"W Depth 6 fathoms for 6 fathoms 4 feet 61°12'02"N 150°06'05"W Depth 4 fathoms 4 feet for 8 fathoms 61°12'08"N 150°06'39"W Depth 4 fathoms 3 feet for 6 fathoms 3 feet 61°12'21"N 150°06'21"W	42/02
<b>16576</b>	3Ed. 3/14/98 LAST NM 22/98 Delete	Depth 6 fathoms Depth 17 fathoms	58°20'57"N 154°00'49"W 58°19'24"N 154°11'05"W	Add	Depth 0 fathom 3 feet Rk [K14.2] 58°20'56"N 154°00'48"W Depth 5 fathoms 5 feet 58°17'22"N 154°19'05"W Depth 8 fathoms 58°19'04"N 154°12'28"W Legend "(see note B)" 58°16'48"N 154°17'11"W Legend "(see note B)" 58°18'17"N 154°12'37"W	61°10'49"N 150°06'23"W 61°11'41"N 150°03'55"W 61°12'00"N 150°03'26"W 61°12'09"N 150°02'53"W
	Note "Note B Mariners are advised to use extreme caution when navigating in Kukak Bay as depths are significantly shoaler than those depicted on this chart."		58°15'39"N 154°18'37"W	(NOS)		
<b>*16603</b>	7Ed. 1/4/92 LAST NM 30/98 Delete	Depth 6 fathoms Depth 2 fathoms 3 feet Depth 3 fathoms	58°20'57"N 154°00'49"W 58°17'25"N 154°19'22"W 58°17'44"N 154°12'13"W	<b>16665</b>	7Ed. 3/31/01 LAST NM 29/02 Delete Depth 25 feet Depth 27 feet Depth 23 feet	61°12'04"N 150°02'48"W 61°12'04"N 150°03'07"W 61°10'46"N 150°06'24"W
	Substitute Depth 0 fathom 3 feet for 2 fathoms 5 feet 58°18'51.1"N 154°11'23.7"W Depth 1 fathom for 7 fathoms 58°17'52.4"N 154°14'56.5"W Depth 3 fathoms 3 feet for 5 fathoms 58°18'50.3"N 154°12'56.9"W Depth 4 fathoms for 9 fathoms 1 foot 58°17'16.5"N 154°17'39.9"W Depth 5 fathoms 5 feet for 8 fathoms 58°17'21.5"N 154°19'04.6"W Depth 6 fathoms 3 feet for 12 fathoms 58°18'44.8"N 154°12'47.0"W Depth 8 fathoms for 19 fathoms 58°19'03.8"N 154°12'28.3"W Depth 9 fathoms 5 feet for 12 fathoms 58°18'01.0"N 154°12'54.5"W Depth 3 fathoms for 5 fathoms 58°17'28.4"N 154°19'12.6"W	Add Depth 2 fathoms 2 feet Depth 1 fathom Depth 3 fathoms Depth 2 fathoms 1 foot	Dotted-line circle (marsh) with green tint for depth 13 feet 61°11'56"N 150°03'11"W Depth 32 feet for 44 feet 61°12'16"N 150°03'32"W Depth 6 feet for 16 feet 61°11'41"N 150°03'55"W Depth 33 feet for 42 feet 61°12'49"N 150°04'17"W Depth 17 feet for 29 feet 61°11'37"N 150°04'43"W Depth 36 feet for 40 feet 61°12'02"N 150°06'05"W Depth 27 feet for 39 feet 61°12'21"N 150°06'21"W Depth 28 feet for 48 feet 61°12'08"N 150°06'39"W Depth 28 feet for 32 feet 61°12'44"N 150°04'45"W	42/02		
	Add Depth 0 fathom 3 feet Rk [K14.2] 58°20'56.4"N 154°00'47.5"W Depth 0 fathom 5 feet 58°17'24.0"N 154°19'21.7"W Depth 3 fathoms 5 feet 58°19'20.9"N 154°11'05.5"W Depth 5 fathoms 5 feet 58°19'19.2"N 154°10'50.6"W Depth 1 fathom 3 feet 58°17'42.8"N 154°12'15.1"W Legend "(see note B)" 58°18'47.0"N 154°13'19.0"W Legend "(see note B)" 58°17'04.0"N 154°18'26.0"W	Add Depth 39 feet Rk [K14] Depth 13 feet Depth 18 feet Depth 14 feet Depth 35 feet	61°12'50"N 150°01'15"W 61°12'09"N 150°02'53"W 61°12'00"N 150°03'26"W 61°10'49"N 150°06'23"W 61°11'42"N 150°07'06"W	(NOS)		
	Note "Note B Mariners are advised to use extreme caution when navigating in Kukak Bay as depths are significantly shoaler than those depicted on this chart."		58°16'23.0"N 154°21'39.0"W	<b>*17420</b>	26Ed. 9/22/01 LAST NM 37/02 Delete Depth 3½ fathoms Depth 1¼ fathoms	54°05.1'N 130°27.6'W 54°06.4'N 130°27.7'W
		Substitute Rock awash [K12] for depth ¼ fathom Rock awash [Ka] for depth 7 fathoms Rock awash [Ka] for depth ¼ fathom	54°02.7'N 131°40.1'W 54°26.3'N 131°00.5'W 54°04.0'N 132°32.6'W			
	Add Dangerous submerged rock [K13]	Dangerous submerged rock [K13]	54°05.2'N 130°27.6'W 54°06.5'N 130°27.7'W			
		Rock awash [Ka]	54°39.4'N 130°26.7'W	(NOS)		
<b>16660</b>	28Ed. 9/8/01 LAST NM 29/02 Substitute	Dotted-line circle (marsh) with green tint for depth 2 fathoms 1 foot	42/02 61°11.9'N 150°03.2'W	<b>17513</b>	Ed. 8/4/89 LAST NM N11/02 <b>(Inset)</b> Change Legend "55" to "58" (63312)02 Ottawa	N42/02 50°07'54"N 125°21'34"W
	Depth 5 fathoms 2 feet for 7 fathoms 2 feet 61°12.3'N 150°03.5'W	Add Superbuoy ODAS [Q58] Y, Fl(5) Y 20s (63603)02 Ottawa	48°56.4'N 125°36.7'W	<b>17546</b>	22Ed. 10/29/94 LAST NM 13/02 Add Superbuoy ODAS [Q58] Y, Fl(5) Y 20s (63603)02 Ottawa	42/02 48°56.4'N 125°36.7'W
	Depth 4 fathoms 3 feet for 6 fathoms 3 feet 61°12.3'N 150°06.3'W			<b>17550</b>	4Ed. 12/3/94 LAST NM 15/02 Add Superbuoy ODAS [Q58] Y, Fl(5) Y 20s (63603)02 Ottawa	42/02 48°56.4'N 125°36.7'W
	Add Depth 6 fathoms 3 feet Rk [K14] 61°12.8'N 150°01.2'W Depth 2 fathoms 1 foot 61°12.1'N 150°02.9'W Depth 2 fathoms 5 feet 61°11.6'N 150°04.7'W					

## SECTION I

<b>18415</b>	8Ed. 7/8/95 LAST NM 13/02 Delete Buoy "U24" (6(331)02 Ottawa)	42/02 48°40'54"N 123°28'40"W	<b>22344</b>	5Ed. 3/30/89 LAST NM N18/99 Change Buoy to G, pillar, can topmark, Fl(2) G 6s 41°30'48"S 72°59'48"W Buoy to R, pillar, cone topmark, Fl(2) R 6s 41°30'56"S 72°59'43"W (7(94)01 Valparaiso)	N42/02
<b>★18502</b>	84Ed. 6/02 LAST NM 39/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	42/02	<b>22345</b>	11Ed. 9/23/89 LAST NM 18/99 Change Buoy to G, pillar, can topmark, Fl(2) G 6s 41°30'50"S 72°59'50"W Buoy to R, pillar, cone topmark, Fl(2) R 6s 41°30'58"S 72°59'43"W (7(94)01 Valparaiso)	42/02
<b>★18581</b>	16Ed. 5/22/99 LAST NM 39/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	42/02	<b>22395</b>	2Ed. 2/28/98 LAST NM 19/02 Add Light Fl 10s 15m 14M Racon (PA) (6(85)01 Valparaiso; Chile LL)	42/02 47°57.2'S 75°15.8'W
<b>★18583</b>	38Ed. 11/4/00 LAST NM 33/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	42/02	<b>24161</b>	11Ed. 6/8/96 LAST NM 27/02 Change Light to FY Light to FY Add Light FY Beacon "1" R, cone topmark Beacon "3" R, cone topmark (16(107, 108)02 Rio de Janeiro)	42/02 22°51'55"S 43°08'16"W 22°52'02"S 43°08'05"W 22°52'05"S 43°08'22"W 22°46'08"S 43°09'28"W 22°46'11"S 43°09'29"W
<b>★18587</b>	68Ed. 8/25/01 LAST NM 39/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	42/02	<b>24162</b>	9Ed. 8/3/96 LAST NM 27/02 Change Light to FY Light to FY Light to FY (See 51/99-24162) (16(107)02 Rio de Janeiro)	42/02 22°51'55"S 43°08'13"W 22°52'02"S 43°08'02"W 22°52'05"S 43°08'20"W
<b>★19357</b>	22Ed. 8/02 NEW EDITION Change Light to "6" QR (Previously published 37/02)	42/02 21°19'19"N 158°07'16"W	<b>25480</b>	1Ed. 1/21/95 LAST NM 20/02 Delete Buoy Buoy Buoy Coral reef areas (2) in vicinity Coral reef area in vicinity Coral reef area in vicinity Depth 3.2 meters Depth 0.3 meter Depth 0.6 meter Depth 2.6 meters Position circle and legend "Mon" 12°02'49.5"N 61°45'02.2"W 12°02'49.4"N 61°44'59.4"W 12°02'49.0"N 61°45'00.9"W 12°02'48.1"N 61°45'01.0"W 12°02'48.3"N 61°44'58.6"W 12°02'47.9"N 61°44'56.2"W 12°02'47.9"N 61°44'58.9"W 12°02'47.6"N 61°44'54.2"W 12°02'46.8"N 61°44'56.8"W 12°02'46.3"N 61°44'57.5"W 12°02'43.5"N 61°45'06.5"W	42/02
	<b>(Inset)</b> Change Light to "6" QR 15ft 4M (Previously published 37/02) (NOS)	21°19'19.1"N 158°07'16.1"W		Substitute Depth 9.3 meters for 8 meters Depth 14.8 meters for 13.5 meters Depth 8.4 meters for 8 meters Change Characteristic of buoy to Fl R 3s and add designation "2" Characteristic of buoy to Fl G 3s and add designation "3" Characteristic of buoy to Fl G 3s and add designation "4" Characteristic of buoy to Fl R 6s and add designation "5" Characteristic of buoy to Fl R 2s and add designation "8" Add Land tint to area bound by shore and solid line joining 33°02'30"S 71°39'34"W 33°02'31"S 71°39'52"W Submarine pipeline (sewer) [L41.1] between 33°02'34"S 71°39'34"W 33°02'35"S 71°39'53"W "ANCH. PROHIB." area [N20] bound by shore and purple dashed line joining 33°02'30"S 71°39'36"W 33°02'30"S 71°39'54"W 33°02'36"S 71°39'54"W 33°02'36"S 71°39'28"W (6(82)01 Valparaiso)	42/02
<b>21008</b>	62Ed. 12/5/98 LAST NM 39/02 Change Visibility (range) of light to 13M (SCT 3/02 Mexico, D.F.)	42/02 31°03.0'N 114°49.0'W		30°01.0'S 73°11.9'W	
<b>21014</b>	72Ed. 1/21/84 LAST NM 45/01 Add Light Fl(2) 10M (PA) (SCT 3(51)02 Mexico, D.F.)	42/02 24°51.0'N 110°36.0'W			
<b>22084</b>	4Ed. 1/13/96 LAST NM 8/01 Add Beacon "3" Fl G 4s 6m 4M	42/02 0°59'52"N 79°38'03"W			
	<b>(Plan)</b> Delete Buoy "3"	0°59'49.0"N 79°38'07.0"W			
	Add Beacon "3" Fl G 4s 6m 4M (3(4, 5)02 Guayaquil)	0°59'51.5"N 79°38'02.6"W			
<b>22114</b>	5Ed. 2/3/96 LAST NM 32/02 <b>(Panel B)</b> Add Buoy R, can, Fl R 5s (3(8)02 Guayaquil)	42/02 2°14'28.4"S 79°52'46.0"W			
<b>22250</b>	2Ed. 12/2/95 LAST NM 52/98 Delete Superbuoy ODAS (7(93)01 Valparaiso)	42/02 30°01.0'S 73°11.9'W			
<b>22264</b>	2Ed. 9/21/96 LAST NM 20/02 Add Submarine pipeline (sewer) [L41.1] between 33°02'34"S 71°39'34"W 33°02'31"S 71°39'52"W	42/02			
	Submarine pipeline (sewer) [L41.1] between 33°02'34"S 71°39'34"W 33°02'35"S 71°39'53"W				
	"ANCH. PROHIB." area [N20] bound by shore and purple dashed line joining 33°02'30"S 71°39'36"W 33°02'30"S 71°39'54"W 33°02'36"S 71°39'54"W 33°02'36"S 71°39'28"W (6(82)01 Valparaiso)				
<b>22275</b>	3Ed. 5/10/97 LAST NM 20/02 Delete Superbuoy ODAS (7(93)01 Valparaiso)	42/02 30°01.0'S 73°11.9'W		Depth 9.1 meters Depth 7.4 meters (37(3892)02 Taunton; BA CH 799)	42/02 12°02'46.7"N 61°44'58.3"W 12°02'48.6"N 61°44'55.9"W

## SECTION I

**NM 42/02**

<b>25528</b>	5Ed. 5/17/97 LAST NM 21/02 <b>(Plan A)</b> Add Light QY 4m 2M (PA) with legend "Dn." (See 41/00-25528) (37(3984)02 Taunton)	42/02 14°00'50.5"N 60°59'46.8"W	<b>37402</b>	7Ed. 11/1/97 LAST NM 41/02 Relocate Beacon from 46°07'53.9"N 1°13'48.0"W to 46°07'53.9"N 1°13'55.1"W Beacon from 46°07'38.0"N 1°14'11.4"W to 46°07'38.0"N 1°14'20.3"W (27(31)01 Brest)	42/02
<b>★25644</b>	12Ed. 8/29/98 LAST NM 38/01 Relocate Buoy (mooring) from 17°43'02.8"N 64°53'33.5"W to (33/02 CG7)	42/02 17°43'03.8"N 64°53'34.7"W	<b>44065</b>	7Ed. 3/27/93 LAST NM 30/02 Add Depth 3.4 meters Rk [K14.2] (36(33)02 Hamburg)	42/02 54°28'33"N 10°10'19"E
<b>25646</b>	7Ed. 6/13/81 LAST NM N38/01 Relocate Buoy (mooring) from 17°43'10.0"N 64°53'35.0"W to (33/02 CG7)	N42/02 17°43'03.8"N 64°53'34.7"W	<b>44075</b>	4Ed. 4/25/98 LAST NM 31/02 Add Depth 4.5 meters Rk [K14.2] (36(35)02 Hamburg)	42/02 54°05'20"N 10°48'43"E
<b>★25673</b>	15Ed. 5/2/98 LAST NM 28/02 Relocate Buoy "6" from 18°12'56.8"N 67°09'48.2"W to 18°12'57.8"N 67°09'49.4"W (35/02 CG7)	42/02 18°12'57.8"N 67°09'49.4"W	<b>44310</b>	5Ed. 12/21/96 LAST NM 41/02 <b>(Plan)</b> Add Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 61°36'30.0"N 21°29'00.0"E Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 61°35'30.0"N 21°29'00.0"E (18(459), 21-22(533)01 Helsinki; Fin CH 125)	42/02
<b>25849</b>	13Ed. 6/3/95 LAST NM 8/02 Add Pilot station symbol [T1.1] (33(3531)02 Taunton)	42/02 18°21'30"N 69°36'31"W	<b>44319</b>	2Ed. 2/15/97 LAST NM 41/02 Delete Light (17(2421)02 St. Petersburg)	42/02 59°54.7"N 28°59.3"E
<b>37050</b>	9Ed. 6/29/96 LAST NM 26/02 Add Buoy (mooring) [Q40] (47(26)00 Brest)	42/02 48°28'11"N 5°03'00"W	<b>44360</b>	9Ed. 10/12/96 LAST NM 41/02 Substitute Beacon for light (17(2421)02 St. Petersburg)	42/02 59°54.7"N 28°59.3"E
<b>37080</b>	3Ed. 12/28/96 LAST NM 40/02 Add Beacon YBY, double cone topmark points together [Q130.3] (47(24)00 Brest)	42/02 48°52.3'N 1°42.2'W	<b>51145</b>	2Ed. 8/2/97 LAST NM 38/01 Delete Dangerous wreck (PA) Change Range light, front to Iso Y 6s 13m 22M Range light, rear to Dir Iso Y 6s 61m 22M Legend to "Lts in line 039°42" Add Depth 15.2 meters Wk (25(31)00, 21(399)01 Lisboa)	42/02 38°28.84'N 8°52.32'W 38°31.16'N 8°53.93'W 38°32.30'N 8°52.71'W 38°26.00'N 8°59.30'W 38°28.82'N 8°52.39'W
<b>37120</b>	2Ed. 3/22/97 LAST NM 39/02 Substitute Depth 25.5 meters Wk [K26] for 29 meters Wk Add Depth 19.2 meters Depth 9.5 meters (47(18)00 Brest)	42/02 51°23.7'N 2°13.3'E 51°23.8'N 2°09.5'E 51°17.9'N 2°46.6'E	<b>51146</b>	3Ed. 2/4/95 LAST NM 40/01 Delete Dangerous wreck (PA) Buoy "3" Buoy "5" Buoy "7" Buoy "10" Buoy "14" Relocate Buoy from 38°30'09.2"N 8°51'12.7"W to 38°30'15.0"N 8°51'12.6"W Change Range light, front to Iso Y 6s 13m 22M Range light, rear to Dir Iso Y 6s 61m 22M Legend to "Lts in line 039°42" Add "ANCHORING PROHIBITED" area bound by shore and purple composite line joining 38°28'15.8"N 8°52'07.6"W 38°28'24.6"N 8°52'52.8"W 38°28'45.6"N 8°52'13.8"W 38°28'37.8"N 8°52'27.6"W Depth 15.2 meters Wk 38°28'49.2"N 8°52'23.4"W Buoy "8-CN" R, can, can topmark, Fl(2) R 6s 38°29'43.8"N 8°50'21.6"W Buoy "9-CN" G, conical, cone topmark, Fl(2) G 6s 38°29'42.0"N 8°50'23.4"W Buoy "10-CN" R, can, can topmark, Fl(3) R 9s 38°29'35.4"N 8°50'01.8"W Buoy "11-CN" G, conical, cone topmark, Fl(3) G 9s 38°29'33.0"N 8°50'03.6"W	42/02 38°28'50.0"N 8°52'19.0"W 38°27'42.0"N 8°49'03.0"W 38°27'33.0"N 8°48'32.0"W 38°27'44.0"N 8°47'51.0"W 38°27'53.0"N 8°48'57.0"W 38°27'49.0"N 8°48'23.0"W 38°30'51.0"N 8°53'55.8"W 38°32'18.0"N 8°52'41.4"W 38°28'30.0"N 8°56'48.0"W 38°28'24.6"N 8°52'52.8"W 38°28'45.6"N 8°52'13.8"W 38°28'37.8"N 8°52'27.6"W 38°28'49.2"N 8°52'23.4"W 38°29'43.8"N 8°50'21.6"W 38°29'42.0"N 8°50'23.4"W 38°29'35.4"N 8°50'01.8"W 38°29'33.0"N 8°50'03.6"W
<b>37125</b>	15Ed. 8/24/96 LAST NM 24/02 Add Depth 13.3 meters (18(10)02 Brest)	42/02 50°59'24"N 1°46'21"E			
<b>37129</b>	6Ed. 5/31/97 LAST NM 39/02 Delete Depth 11.2 meters Depth 6.3 meters Depth 6.0 meters Depth 5.6 meters Add Depth 19.2 meters Depth 9.5 meters Depth 4.2 meters Depth 4.8 meters Depth 4.8 meters Depth 4.5 meters Depth 8.3 meters Depth 17.3 meters (47(18)00 Brest)	42/02 51°18'04.0"N 2°46'34.1"E 51°17'36.0"N 2°47'09.2"E 51°17'23.0"N 2°50'54.0"E 51°16'23.9"N 2°46'22.0"E 51°23'48.0"N 2°09'28.1"E 51°17'57.0"N 2°46'34.1"E 51°17'27.0"N 2°47'04.2"E 51°17'24.0"N 2°51'01.2"E 51°16'36.0"N 2°46'16.2"E 51°17'12.0"N 2°48'25.2"E 51°15'08.9"N 2°43'37.2"E 51°23'21.0"N 2°31'34.1"E			
<b>37223</b>	14Ed. 9/2/95 LAST NM 26/02 Add Foul ground symbol [K31] Foul ground symbol [K31] (36(50)02 Hamburg)	42/02 53°32.9'N 5°20.4'E 53°33.1'N 5°21.1'E			
<b>37328</b>	2Ed. 7/19/97 LAST NM 18/02 Add Depth 5.8 meters (47(27)00 Brest)	42/02 48°09'49"N 4°34'25"W			
<b>37380</b>	2Ed. 9/11/93 LAST NM 40/02 Delete WHIS from buoy (18(12)02 Brest)	42/02 47°22.8'N 2°35.3'W			

(continued on next page)

<b>51146</b>	(Continued)		
	Buoy "12-CN" R, can, can topmark, Fl R 3s	38°29'27.0"N 8°49'41.4"W	Double solid line and land tint between 39°11'41.2"N 9°06'29.0"E 39°11'44.6"N 9°06'33.5"E
	Buoy "13-CN" G, conical, cone topmark, Fl G 3s	38°29'24.0"N 8°49'43.2"W	Light 39°11'41.2"N 9°06'29.0"E
	Buoy "14-CN" R, can, can topmark, Fl(2) R 6s	38°29'16.8"N 8°49'21.0"W	Purple dashed line between 39°06'02.5"N 9°03'49.0"E 39°05'44.0"N 9°03'24.5"E
	Buoy "15-CN" G, conical, cone topmark, Fl(2) G 6s	38°29'14.4"N 8°49'24.0"W	Purple dashed line between 39°05'41.6"N 9°03'52.8"E 39°05'35.5"N 9°03'40.0"E
	Buoy "17-CN" G, conical, cone topmark, Fl(3) G 9s	38°29'06.6"N 8°49'14.4"W	Legend "PROHIBITED AREA" 39°05'24.0"N 9°04'00.0"E
	Buoy "Escama Ferro" BYB, pillar, double cone topmark bases together, VQ(3) 5s	38°28'21.0"N 8°48'40.8"W	Relocate Beacon from 39°10'59.4"N 9°06'35.4"E to 39°11'04.5"N 9°06'26.0"E
	Buoy "10-CS" R, can, can topmark, Fl(2) R 6s	38°27'50.4"N 8°48'54.0"W	Substitute Solid line for dashed line between 39°13'20.1"N 9°03'25.0"E 39°12'58.1"N 9°03'58.5"E
	Buoy "1-CS" G, conical, cone topmark, QG	38°27'35.4"N 8°48'28.2"W	and add land tint to area shoreward of above line
	Buoy "12-CS" R, can, can topmark, Fl(3) R 8s	38°27'45.6"N 8°48'19.2"W	Solid line for dashed line between 39°12'56.4"N 9°04'00.0"E 39°12'21.0"N 9°04'43.1"E
	Buoy "14-CS" R, can, can topmark, QR	38°27'52.2"N 8°48'00.0"W	and add land tint to area shoreward of above line
	Buoy "3-CS" G, conical, cone topmark, Fl(2) G 6s	38°27'44.4"N 8°47'53.4"W	Solid line for dashed line between 39°13'20.1"N 9°03'46.2"E 39°12'36.0"N 9°04'41.5"E
	Buoy "5-CS" G, conical, cone topmark, QG	38°28'02.4"N 8°47'02.4"W	and add land tint to area shoreward of above line
	(16(226)99, 23(279), 25(310)00, 21(399), 22(406)01, 10(201)02 Lisboa)		
<b>52180</b>	14Ed. 7/31/99 LAST NM 24/02	42/02	
Add	"FISHING PROHIB AREA" [N2.1] bound by shore and purple composite-line greater arc of a circle, radius 3 miles, centered	37°32.5"N 12°41.7"E	Add Land tint to area bound by shore and solid line joining 39°11'56.0"N 9°04'06.0"E
	arc between	37°34.5"N 12°44.7"E	39°12'04.0"N 9°04'01.0"E
		37°34.6"N 12°39.2"E	39°12'07.5"N 9°04'01.5"E
	(14(13)00 Genova)		39°12'33.6"N 9°03'33.0"E
<b>53100</b>	16Ed. 11/18/89 LAST NM 39/02	42/02	
Add	"Marine Nature Reserve" area [N22] bound by shore and purple dashed line joining	44°08.9"N 9°37.1"E	Land tint to area bound by shore and road in vicinity 39°13'00.0"N 9°05'00.0"E
		44°08.8"N 9°36.9"E	"INSHORE TRAFFIC ZONE" bound by shore, breakwater and purple composite line
		44°07.8"N 9°37.7"E	joining 39°11'32.8"N 9°05'38.1"E
		44°07.8"N 9°38.3"E	39°11'18.0"N 9°05'46.1"E
		44°08.5"N 9°38.9"E	39°10'39.1"N 9°03'46.0"E
		44°08.7"N 9°38.7"E	39°11'04.2"N 9°03'04.1"E
	(14(3)99 Genova)		
<b>53104</b>	2Ed. 6/3/95 LAST NM 35/02	42/02	
Add	Buoy Y, pillar, "X" topmark, Fl Y 3s	44°24'34.2"N 8°55'12.0"E	"DELTA ANCHORAGE" area [N12.3] bound by above purple composite line and purple dashed line joining 39°11'18.0"N 9°05'46.1"E
	(14(9)00 Genova)		39°10'44.0"N 9°06'04.2"E
			39°10'22.8"N 9°06'16.2"E
			39°09'41.5"N 9°05'24.0"E
			39°10'24.0"N 9°05'23.0"E
<b>53120</b>	14Ed. 7/3/99 LAST NM 39/02	42/02	
Add	Racon [S3.1] at light	41°18.4"N 9°20.5"E	"B1 ANCHORAGE AND WAITING AREA" [N12.3] bound by purple dashed line joining
	(7(2)02 Genova)		39°10'44.0"N 9°06'04.2"E
			39°10'22.8"N 9°06'16.2"E
			39°09'41.5"N 9°05'24.0"E
			39°10'24.0"N 9°05'23.0"E
<b>53130</b>	1Ed. 9/9/89 LAST NM 27/02	42/02	
Add	Racon [S3.1] at light	41°18.5"N 9°20.5"E	"B2 ANCHORAGE AND WAITING AREA" [N12.3] bound by above purple dashed lines and purple dashed line between 39°09'41.5"N 9°05'24.0"E
	(7(2)02 Genova)		39°10'14.5"N 9°04'28.9"E
			39°10'31.0"N 9°05'23.0"E
<b>53147</b>	3Ed. 4/13/96 LAST NM 39/02	42/02	
Delete	Submarine cable between	41°38'47"N 12°24'15"E	Double solid line (breakwater) [F4.1] between 39°11'44.1"N 9°06'34.0"E
		41°26'09"N 11°59'08"E	39°11'58.0"N 9°06'53.2"E
Add	Submarine cable [L40.1] joining	41°38'49"N 12°25'47"E	Light Fl G 3s 13m 9M Racon 39°11'44.1"N 9°06'34.0"E
		41°35'08"N 12°17'29"E	"INSHORE TRAFFIC ZONE" bound by breakwater, shore and purple composite line
		41°34'53"N 12°16'00"E	joining 39°11'44.1"N 9°06'34.0"E
		41°26'09"N 11°59'08"E	39°11'30.0"N 9°06'42.0"E
	Submarine cable [L40.1] joining	41°43'32"N 12°17'14"E	39°11'08.9"N 9°07'58.5"E
		41°35'53"N 11°58'56"E	39°10'33.9"N 9°07'58.5"E
		41°34'52"N 11°55'28"E	39°10'58.5"N 9°08'51.0"E
		41°33'58"N 11°52'00"E	
		41°33'05"N 11°48'43"E	
	(See 9/99-53147)		
	(7(4)02 Genova)		
<b>53262</b>	7Ed. 11/4/95 LAST NM 22/02	42/02	
Delete	Submarine pipeline and legend "sewer"	39°10'59.0"N 9°08'11.5"E	"FOXTROT ANCHORAGE" area [N12.3] bound by above purple composite line and purple dashed line joining 39°11'30.0"N 9°06'42.0"E
	between	39°11'18.0"N 9°08'25.0"E	39°10'32.2"N 9°07'13.0"E
			39°10'33.9"N 9°07'58.5"E

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**NM 42/02**

**53262** (Continued)

Submarine pipeline [L41.1] with legend “Sewer” between	39°11'01.5"N 9°08'08.5"E 39°11'21.0"N 9°08'22.9"E	Open-outlined arrow indicating flow of traffic [M10] oriented 120° 39°05'44.5"N 9°05'00.0"E
Precautionary area symbol [M16]	39°11'32.0"N 9°06'12.0"E	“ECHO ANCHORAGE” area [N12.3] bound by purple dashed line joining 39°05'42.0"N 9°04'05.5"E 39°05'05.0"N 9°05'29.0"E 39°04'20.0"N 9°05'29.0"E 39°05'00.0"N 9°04'05.5"E
Open-outlined arrow indicating flow of traffic [M10] oriented 161°	39°10'48.0"N 9°06'12.0"E	Open-outlined arrow indicating flow of traffic [M10] oriented 300° 39°04'32.0"N 9°04'28.0"E
Open-outlined arrow indicating flow of traffic [M10] oriented 226°	39°09'58.0"N 9°05'54.0"E	Purple tint area (traffic separation zone) [M13] joining 39°04'50.0"N 9°03'36.0"E 39°04'51.0"N 9°03'37.0"E 39°04'02.0"N 9°05'22.0"E 39°04'01.0"N 9°05'21.0"E
Purple tint area (traffic separation zone) [M13] joining	39°11'13.0"N 9°06'05.0"E 39°11'13.0"N 9°06'07.0"E 39°10'22.3"N 9°06'30.0"E 39°09'37.0"N 9°06'01.5"E 39°09'38.0"N 9°06'00.0"E 39°10'22.3"N 9°06'28.0"E	Open-outlined arrow indicating flow of traffic [M10] oriented 120° 39°04'20.0"N 9°04'22.0"E
Open-outlined arrow indicating flow of traffic [M10] oriented 340°	39°11'51.0"N 9°06'24.0"E	Radio reporting point symbol [M40] “Q” with direction pointer 300° 39°03'48.8"N 9°06'03.0"E
Open-outlined arrow indicating flow of traffic [M10] oriented 010°	39°10'00.0"N 9°06'30.0"E	“A1 ANCHORAGE AND WAITING AREA” [N12.3] bound by chart border and purple dashed line joining 39°03'00.1"N 9°06'50.5"E 39°04'39.0"N 9°05'30.0"E 39°03'00.1"N 9°05'16.0"E
Purple tint area (traffic separation zone) [M13] joining	39°11'15.0"N 9°06'20.1"E 39°11'16.0"N 9°06'24.0"E 39°10'24.0"N 9°06'46.0"E 39°09'33.0"N 9°06'35.0"E 39°09'33.0"N 9°06'32.0"E 39°10'24.0"N 9°06'41.8"E	“ALFA ANCHORAGE” area [N12.3] bound by chart border, above purple dashed line, purple composite line and purple dashed line between 39°04'37.0"N 9°03'01.0"E 39°03'00.1"N 9°06'50.5"E
Open-outlined arrow indicating flow of traffic [M10] oriented 161°	39°10'51.0"N 9°06'40.0"E	(14(1), 23(7)0 Genova; Ital CH 299)
Purple tint area (traffic separation line) [M12] joining	39°11'21.9"N 9°06'34.0"E 39°11'22.2"N 9°06'35.0"E 39°10'30.0"N 9°06'59.0"E 39°10'29.0"N 9°06'58.0"E	<b>53268</b> 4Ed. 2/10/96 LAST NM 22/02 42/02 Delete Double solid line and land tint between 39°11'41"N 9°06'29"E 39°11'45"N 9°06'35"E
Open-outlined arrow indicating flow of traffic [M10] oriented 340°	39°10'55.0"N 9°06'54.0"E	Light 39°11'41"N 9°06'29"E
Purple dashed line (precautionary area limit) [M15] joining	39°11'18.0"N 9°05'46.0"E 39°11'13.0"N 9°06'06.0"E 39°11'15.5"N 9°06'22.0"E 39°11'22.1"N 9°06'34.5"E 39°11'30.0"N 9°06'42.0"E	Legend “PROHIBITED AREA” 39°05'30"N 9°05'00"E
Radio reporting point symbol [M40] “P” with direction pointer 340°	39°10'06.0"N 9°07'21.0"E	Relocate Beacon from 39°10'59"N 9°06'35"E to 39°11'05"N 9°06'26"E
Radio reporting point symbol [M40] “Y” with direction pointer 025°	39°09'30.0"N 9°05'56.0"E	Substitute Solid line for dashed line between 39°13'24"N 9°03'30"E 39°12'58"N 9°03'59"E and add land tint to area shoreward of above line
Purple dashed line (outside limit of traffic lane) between	39°09'03.0"N 9°03'42.0"E 39°07'57.0"N 9°05'29.0"E	Solid line for dashed line between 39°12'56"N 9°04'00"E 39°12'21"N 9°04'43"E and add land tint to area shoreward of above line
Open-outlined arrow indicating flow of traffic [M10] oriented 307°	39°08'05.0"N 9°04'42.0"E	Solid line for dashed line between 39°13'24"N 9°03'30"E 39°12'35"N 9°04'47"E and add land tint to area shoreward of above line
Purple tint area (traffic separation zone) [M13] joining	39°08'18.0"N 9°03'48.0"E 39°08'19.0"N 9°03'49.0"E 39°07'37.0"N 9°04'57.0"E 39°07'35.0"N 9°04'56.0"E	Add Land tint to area bound by shore and road in vicinity 39°13'00"N 9°05'00"E
Open-outlined arrow indicating flow of traffic [M10] oriented 130°	39°07'43.0"N 9°04'18.0"E	Solid line (shore) between 39°12'04"N 9°03'56"E 39°12'34"N 9°03'32"E
“CHARLIE ANCHORAGE” area [N12.3] bound by purple composite line and purple dashed line joining	39°06'19.0"N 9°01'39.0"E 39°08'05.0"N 9°03'25.0"E 39°06'10.0"N 9°05'19.0"E 39°06'13.5"N 9°04'06.0"E	Land tint to area bound by shore and above solid line in vicinity 39°12'30"N 9°04'00"E
Precautionary area symbol [M16]	39°05'31.0"N 9°03'22.0"E	“INSHORE TRAFFIC ZONE” area bound by shore, breakwater and purple composite line joining 39°11'33"N 9°05'38"E 39°11'18"N 9°05'46"E 39°10'39"N 9°03'46"E 39°11'04"N 9°03'04"E
Purple dashed line (precautionary area limit) [M15] joining	39°06'14.0"N 9°03'45.2"E 39°06'02.5"N 9°03'49.0"E 39°05'41.6"N 9°03'52.8"E 39°04'58.0"N 9°03'41.0"E 39°04'51.0"N 9°03'36.0"E 39°04'38.5"N 9°03'24.0"E	“DELTA ANCHORAGE” area [N12.3] bound by above purple composite line and purple dashed line joining 39°11'18"N 9°05'46"E 39°10'44"N 9°06'04"E 39°10'15"N 9°04'29"E 39°10'39"N 9°03'46"E

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<b>53268</b>	(Continued)			
	"B1" area [N12.3] bound by purple dashed line joining	39°10'44"N 9°06'04"E 39°10'23"N 9°06'16"E 39°09'42"N 9°05'24"E 39°10'24"N 9°05'23"E		"CHARLIE ANCHORAGE" area [N12.3] bound by purple composite line and purple dashed line joining 39°06'19"N 9°01'39"E 39°08'05"N 9°03'25"E 39°06'10"N 9°05'10"E 39°06'14"N 9°04'06"E 39°06'03"N 9°03'49"E
	"B2" area [N12.3] bound by purple dashed line joining	39°09'42"N 9°05'24"E 39°10'15"N 9°04'29"E 39°10'24"N 9°05'23"E		Precautionary area symbol [M16] 39°05'31"N 9°03'22"E
	Light Fl G 3s 13m 9M Racon	39°11'44"N 9°06'34"E		Purple dashed line (precautionary area limit) [M15] joining 39°06'14"N 9°03'45"E 39°06'03"N 9°03'49"E 39°05'42"N 9°03'53"E 39°04'58"N 9°03'41"E 39°04'39"N 9°03'24"E
	"INSHORE TRAFFIC ZONE" bound by breakwater, shore and purple composite line joining	39°11'44"N 9°06'34"E 39°11'30"N 9°06'42"E 39°11'09"N 9°07'59"E 39°10'34"N 9°07'59"E 39°10'59"N 9°08'51"E		Purple dashed line (outside limit of traffic lane) joining 39°05'42"N 9°03'53"E 39°05'49"N 9°04'14"E 39°05'22"N 9°05'25"E
	"FOXTROT ANCHORAGE" area [N12.3] bound by purple composite line and purple dashed line joining	39°11'30"N 9°06'42"E 39°10'32"N 9°07'13"E 39°10'34"N 9°07'59"E		Open-outlined arrow indicating flow of traffic [M10] oriented 120° 39°05'45"N 9°05'00"E
	Precautionary area symbol [M16]	39°11'32"N 9°06'12"E		"ECHO ANCHORAGE" area [N12.3] bound by purple dashed line joining 39°05'42"N 9°04'06"E 39°05'05"N 9°05'29"E 39°04'20"N 9°05'29"E 39°05'00"N 9°04'06"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 161°	39°10'48"N 9°06'12"E		Open-outlined arrow indicating flow of traffic [M10] oriented 300° 39°04'32"N 9°04'28"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 226°	39°10'00"N 9°06'03"E		Purple heavy solid line (traffic separation line) [M12] between 39°04'50"N 9°03'36"E 39°04'01"N 9°05'21"E
	Purple heavy solid line (traffic separation line) [M12] joining	39°11'13"N 9°06'06"E 39°10'22"N 9°06'29"E 39°09'37"N 9°06'01"E		Open-outlined arrow indicating flow of traffic [M10] oriented 120° 39°04'20"N 9°04'22"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 340°	39°10'51"N 9°06'24"E		Radio reporting point symbol [M40] "Q" with direction pointer 300° 39°03'55"N 9°06'03"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 010°	39°10'00"N 9°06'30"E		"A1" area [N12.3] bound by purple dashed line joining 39°04'39"N 9°05'30"E 39°02'55"N 9°07'01"E 39°02'06"N 9°07'01"E 39°02'06"N 9°05'00"E
	Purple tint area (traffic separation zone) [M13] joining	39°11'15"N 9°06'20"E 39°11'16"N 9°06'24"E 39°10'24"N 9°06'46"E 39°09'33"N 9°06'35"E 39°09'33"N 9°06'32"E 39°10'24"N 9°06'42"E		"ALFA ANCHORAGE" area [N12.3] bound by above purple dashed line, purple composite line and purple dashed line joining 39°03'01"N 9°03'00"E 39°02'06"N 9°03'50"E 39°02'06"N 9°05'00"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 161°	39°10'51"N 9°06'40"E		(4)(8), 14(1), 23(7)00 Genova; Ital CH 299)
	Purple heavy solid line (traffic separation line) [M12] between	39°11'22"N 9°06'34"E 39°10'30"N 9°06'59"E		<b>53287</b> (INT 3350) 6Ed. 9/30/95 LAST NM 35/02 42/02 Add Racon [S3.1] at light 41°18'28"N 9°20'54"E (7)(2)02 Genova)
	Open-outlined arrow indicating flow of traffic [M10] oriented 340°	39°11'00"N 9°06'54"E		<b>54380</b> 6Ed. 5/11/91 LAST NM 26/02 42/02 Add Light Fl 5s 7M 38°21.5"N 26°19.1'E (46(231)01 Istanbul)
	Purple dashed line (precautionary area limit) [M15] joining	39°11'18"N 9°05'46"E 39°11'13"N 9°06'06"E 39°11'15"N 9°06'22"E 39°11'22"N 9°06'34"E 39°11'30"N 9°06'42"E		<b>54386</b> 10Ed. 6/1/96 LAST NM 7/02 42/02 Add Light Fl 5s 10m 7M 38°21'28"N 26°19'08"E (46(231)01 Istanbul)
	Radio reporting point symbol [M40] "P" with direction pointer 340°	39°10'06"N 9°07'21"E		<b>54387</b> 7Ed. 2/3/96 LAST NM 23/02 42/02 Delete Submarine cable between 38°27'37"N 26°44'12"E 38°25'36"N 26°43'50"E
	Radio reporting point symbol [M40] "Y" with direction pointer 025°	39°09'30"N 9°05'56"E		Add Submarine cable [L30.1] between 38°27'39"N 26°43'22"E 38°26'10"N 26°43'26"E (27(154)01 Istanbul)
	Purple dashed line (outside limit of traffic lane) between	39°09'03"N 9°03'42"E 39°07'57"N 9°05'29"E		<b>54441</b> 6Ed. 5/4/96 LAST NM 30/02 42/02 Delete Light 36°43'00"N 34°53'50"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 307°	39°08'05"N 9°04'42"E		Add Light Fl(2) 5s 10m 9M 36°43'26"N 34°54'31"E (27(156)01 Istanbul)
	Purple heavy solid line (traffic separation line) [M12] between	39°08'18"N 9°03'48"E 39°07'25"N 9°04'56"E		
	Open-outlined arrow indicating flow of traffic [M10] oriented 130°	39°07'43"N 9°04'18"E		

## SECTION I

**NM 42/02**

<b>55001</b> (INT 310) 4Ed. 1/21/95 LAST NM 37/02 42/02 Change Visibility (range) of light to 18M 41°07.0'N 37°47.3'E (BA LL)	Add Beacon "PPT-1" G, cone topmark, Fl G 5s 5m 3M [Q130.1] 1°17'05.0"N 103°45'12.3"E
<b>55042</b> 1Ed. 4/12/86 LAST NM 28/02 42/02 Add Solid line (breakwater) [F4.1] between 40°29'26"N 27°59'22"E 40°29'25"N 27°59'11"E	72109 3Ed. 9/28/85 LAST NM 25/01 42/02 Delete Buoy "No. 24" 0°05'31.8"N 117°29'16.5"E (See 9/90-72109)
Solid line (breakwater) [F4.1] joining 40°29'32"N 27°58'34"E 40°29'35"N 27°58'31"E 40°29'35"N 27°58'22"E	Change Beacon to W, Mo(U) 15s 15m 6M 0°10'46.2"N 117°30'08.2"E
Solid line (breakwater) [F4.1] joining 40°28'19"N 28°01'44"E 40°28'14"N 28°01'50"E 40°27'58"N 28°01'47"E and delete hydrography westward of above line	Add Buoy "No. 24" R, spar, can topmark, Fl R 3s 0°05'35.5"N 117°29'07.6"E Buoy "No. 22" R, spar, can topmark, Fl R 4s 0°05'29.6"N 117°29'16.6"E
Solid line (breakwater) [F4.1] joining 40°26'32"N 28°00'23"E 40°26'13"N 28°00'22"E 40°26'23"N 28°00'10"E (27(153)01 Istanbul)	Change <b>(Plan A)</b> Beacon to W, Mo(U) 15s 15m 6M 0°10'46.2"N 117°30'08.2"E
<b>55043</b> 2Ed. 10/19/96 LAST NM 39/02 42/02 <b>(Plan A)</b> Add Legend "Works in Progress (2001)" 40°30'18.0"N 27°31'54.0"E (27(153)01 Istanbul)	Delete <b>(Plan B)</b> Buoy "No. 24" 0°05'31.8"N 117°29'16.5"E
<b>55105</b> 7Ed. 2/6/99 LAST NM 41/02 42/02 Change Visibility (range) of light to 18M 41°07.0'N 37°47.3'E (BA LL)	Add Buoy "No. 24" R, spar, can topmark, Fl R 3s 0°05'35.5"N 117°29'07.6"E Buoy "No. 22" R, spar, can topmark, Fl R 4s 0°05'29.6"N 117°29'16.6"E (45(374-376)99 Jakarta; 41(3959)00 Taunton; BA LL)
<b>55160</b> 2Ed. 6/1/96 LAST NM 29/02 42/02 Change Visibility (range) of light to 18M 41°07.0'N 37°47.3'E (BA LL)	<b>73012</b> 5Ed. 5/10/97 LAST NM 10/02 42/02 Add Light Fl R 10M 0°47.3'S 122°39.2'E (38(314)99 Jakarta)
<b>63321</b> 6Ed. 9/26/98 LAST NM 30/02 42/02 <b>(Continuation)</b> Relocate Buoy "JB" from 21°56'42"N 88°01'36"E to 21°56'43"N 88°01'26"E and change characteristic to Fl(2) 10s Buoy "CWA" from 21°49'09"N 87°58'54"E to 21°49'02"N 87°58'31"E and change characteristic to Fl R 7s Buoy "AS" from 21°46'58"N 87°58'00"E to 21°47'06"N 87°58'14"E and change characteristic to L Fl 10s (See 30/02-63321)	<b>74182</b> 12Ed. 2/13/99 LAST NM 41/02 42/02 Change Legend to "Maintained depth 14m" 27°19'00"S 153°12'06"E Add Dashed line joining 27°21'56"S 153°10'18"E 27°22'14"S 153°10'06"E 27°22'32"S 153°10'06"E (16(497)02 Wollongong)
<b>71040</b> 5Ed. 3/13/99 LAST NM 34/02 42/02 Add Light Fl(3) 10s 9m 8M 8°36.3'N 98°13.8'E (6(312)02 Bangkok)	<b>74183</b> 11Ed. 10/17/98 LAST NM 39/02 42/02 Delete Dashed line between 27°21'55.8"S 153°10'19.0"E 27°22'16.2"S 153°10'16.8"E Change Legend to "Maintained depth 14m" 27°19'43.8"S 153°11'45.5"E Legend to "Maintained depth 14m" 27°21'42.6"S 153°10'23.4"E Legend to "Maintained depth 14m" 27°23'07.5"S 153°09'27.5"E Add Dashed line joining 27°22'32.4"S 153°10'05.9"E 27°22'13.8"S 153°10'05.9"E 27°21'55.8"S 153°10'18.0"E 27°22'06.6"S 153°10'13.8"E 27°22'16.7"S 153°10'16.8"E Legend "Maintained depth 13m" 27°22'14.4"S 153°10'12.0"E (16(497)02 Wollongong)
<b>71253</b> 10Ed. 12/27/97 LAST NM 40/02 42/02 Delete Buoy "HK-1" 1°15'57.0"N 103°46'17.0"E Buoy "HK-2" 1°17'14.5"N 103°45'05.9"E Buoy "HK-3" 1°16'53.0"N 103°46'06.1"E Buoy "HK-4" 1°17'17.6"N 103°45'25.1"E	<b>74230</b> 7Ed. 8/26/95 LAST NM 39/02 42/02 Add Buoy BRB, pillar, double ball topmark, Fl(2) 5s 19°18.2'S 147°37.3'E (16(498)02 Wollongong)
Dashed line and legends (3) "Works in progress (2001)" joining 1°16'46.2"N 103°46'02.1"E 1°16'53.0"N 103°46'06.1"E 1°17'17.6"N 103°45'25.1"E 1°17'14.5"N 103°45'05.9"E 1°16'47.0"N 103°44'49.8"E 1°16'43.5"N 103°44'56.9"E 1°16'44.5"N 103°44'57.5"E 1°15'57.0"N 103°46'17.0"E 1°16'28.6"N 103°46'36.0"E 1°16'32.0"N 103°46'30.0"E (See 40/02-71253)	<b>74240</b> 8Ed. 7/22/95 LAST NM 39/02 42/02 Add Buoy BRB, pillar, double ball topmark, Fl(2) 5s 19°18.2'S 147°37.3'E (16(498)02 Wollongong)
	<b>74251</b> 8Ed. 5/3/97 LAST NM 37/02 42/02 Delete Depth 6.7 meters 18°00'31"S 146°06'40"E Depth 7.3 meters 18°00'00"S 146°06'46"E Depth 20.1 meters 17°58'37"S 146°10'52"E Depth 1.5 meters 17°57'49"S 146°08'10"E Depth 8.5 meters 17°57'43"S 146°08'28"E (continued on next page)

## SECTION I

<b>74251</b>	(Continued)			
Add	Depth 14.8 meters	17°58'20"S 146°11'04"E		38°06'27.2"S 144°34'57.5"E
	Depth 4.9 meters	18°00'16"S 146°06'44"E		38°07'55.6"S 144°32'16.1"E
	Depth 0.7 meter	17°57'55"S 146°08'20"E		38°07'53.8"S 144°32'05.0"E
	<b>(Plan A)</b>		Dashed line between	38°05'43.0"S 144°36'06.4"E
Delete	Depth 0.3 meter	17°55'45.6"S 146°08'30.6"E		38°05'48.6"S 144°36'10.4"E
	Depth 1.5 meters	17°57'58.2"S 146°08'16.8"E	Dashed line between	38°06'21.9"S 144°34'52.9"E
	Depth 1.8 meters	17°55'58.2"S 146°08'15.6"E		38°06'27.2"S 144°34'57.5"E
	Dangerous underwater rock	17°56'02.4"S 146°08'09.6"E	Legend "Point Richards Passing Channel"	
Substitute	Rock which covers and uncovers [K11] for dangerous underwater rock	17°56'05.4"S 146°08'14.4"E	between	38°06'06.0"S 144°35'46.0"E
				38°06'37.0"S 144°34'52.0"E
Add	Depth 0.9 meter	17°55'42.8"S 146°08'04.4"E	Legend "7.5m"	38°05'24.6"S 144°37'22.8"E
	Depth 1.8 meters	17°57'09.4"S 146°07'59.8"E	Legend "10m"	38°05'54.6"S 144°35'46.8"E
	Depth 1.9 meters	17°56'54.4"S 146°08'00.6"E	Legend "9m"	38°07'06.6"S 144°33'40.8"E
	Depth 0.7 meter	17°57'54.4"S 146°08'19.7"E	Dashed line joining	38°07'34.1"S 144°30'03.0"E
	Depth 0.5 meter	17°55'57.0"S 146°08'13.9"E		38°07'40.5"S 144°30'01.3"E
	Rock which covers and uncovers [K11]	17°57'02.1"S 146°08'13.4"E		38°07'15.1"S 144°27'29.4"E
	Rock which covers and uncovers [K11]	17°55'40.9"S 146°08'09.6"E		38°07'08.7"S 144°27'31.0"E
	Rock which covers and uncovers [K11]	17°55'45.1"S 146°08'26.5"E	Legend "Wilson Spit Passing Channel"	
	(25(706)00 Wollongong)		Maintained depth 7m" between	38°07'43.0"S 144°29'40.0"E
				38°07'26.0"S 144°28'07.0"E
<b>74535</b>	2Ed. 9/13/97 LAST NM 31/02	42/02	(16(506)02 Wollongong)	
Add	Islet [K10] "Wilson Island"	26°10.0"S 113°39.5"E		
	(25(708)00 Wollongong)			
<b>75010</b>	7Ed. 7/13/96 LAST NM 41/02	42/02		
Change	Visibility (range) of light to 11M	33°40.9"S 134°30.9"E		
	(16(503)02 Wollongong)			
<b>75120</b>	2Ed. 7/8/95 LAST NM 16/02	42/02		
Change	Visibility (range) of light to 11M	33°40.9"S 134°30.9"E		
	(16(503)02 Wollongong)			
<b>75142</b>	5Ed. 4/27/96 LAST NM 36/02	42/02		
Add	Beacon, "X" topmark	33°06'56"S 137°56'20"E		
	Beacon	33°08'17"S 137°56'07"E		
	Beacon, cone topmark point downward	33°09'11"S 137°55'58"E		
	(25(712)00 Wollongong)			
<b>75143</b>	4Ed. 8/2/97 LAST NM 38/02	42/02		
Add	Beacon, "X" topmark	33°06'56"S 137°56'20"E		
	Beacon	33°08'17"S 137°56'07"E		
	Beacon, cone topmark point downward	33°09'11"S 137°55'58"E		
	(25(712)00 Wollongong)			
<b>75144</b>	3Ed. 4/22/95 LAST NM 36/02	42/02		
Add	Beacon, FG	34°04'25"S 137°32'43"E		
	(25(711)00 Wollongong)			
<b>75171</b>	22Ed. 4/3/99 LAST NM 40/02	42/02		
Add	Buoy Y, spherical, Fl Y 3s	38°18'14"S 144°34'13"E		
	(25(717)00 Wollongong)			
<b>75176</b>	9Ed. 9/16/00 LAST NM 27/02	42/02		
Delete	Depth 9.4 meters	38°05'27.6"S 144°37'06.6"E		
	Depth 8.5 meters	38°05'42.6"S 144°36'20.0"E		
	Depth 11.5 meters	38°06'17.4"S 144°35'07.2"E		
	Depth 11 meters	38°06'30.6"S 144°34'42.0"E		
	Depth 10.8 meters	38°06'43.2"S 144°34'20.0"E		
	Depth 10.6 meters	38°07'13.8"S 144°33'31.0"E		
	Depth 10.1 meters	38°07'30.6"S 144°32'56.0"E		
	Depth 10 meters	38°07'51.0"S 144°32'22.0"E		
Relocate	Beacon "No 8" from 38°05'42.0"S 144°36'10.2"E to	38°05'43.6"S 144°36'06.8"E	"ANCHORAGE AREA No 1" [N12.2] bound by dashed line joining	22°17'06"N 113°49'08"E 22°17'44"N 113°49'28"E 22°17'44"N 113°50'58"E 22°14'59"N 113°49'44"E
Add	Dashed line joining	38°05'08.3"S 144°38'34.6"E 38°05'14.7"S 144°38'36.0"E 38°05'21.7"S 144°37'46.0"E 38°05'31.2"S 144°36'58.8"E 38°05'48.6"S 144°36'10.4"E	"ANCHORAGE AREA No 2" [N12.2] bound by dashed line joining	22°19'48"N 113°50'44"E 22°19'48"N 113°51'54"E 22°18'17"N 113°51'13"E 22°18'17"N 113°49'50"E
			Light Fl(2) 6s 55m 18M (22(330)01, 15(276), 16(311)02 Tianjin; Cna CH 15435; Cna LL)	22°22'31"N 113°37'26"E
<b>93730</b>	3Ed. 6/29/96 LAST NM 40/02	42/02		
Add	Light Fl(2) 6s 55m 18M			22°22.5'N 113°37.4'E
	(22(330)01 Tianjin; Cna LL)			
<b>94028</b>	7Ed. 9/16/95 LAST NM 40/02	42/02		
Delete	Submarine cable in vicinity			34°23.3'N 130°32.8'E
	(35(1203)02 Tokyo)			

## SECTION I

**NM 42/02**

<b>94123</b>	9Ed. 5/11/96 LAST NM 38/02 Add Dashed line (anchorage limit) joining	42/02 25°12'32"N 121°44'16"E 25°12'51"N 121°42'53"E 25°11'03"N 121°42'20"E 25°10'07"N 121°44'42"E 25°12'32"N 121°44'16"E	Light Fl(3) 10s 128m 9M Light Fl 1.5s 11m 9M Light Fl 4s 91m 9M Light Fl(2+1) 9s 129m 15M Racon Light Fl(2) 6s 72m 9M (8(108-112), 22(425), 29(548)02 Tianjin)	30°40.4'N 122°24.6'E 30°40.3'N 122°26.1'E 30°40.0'N 122°34.7'E 30°38.9'N 122°30.6'E 30°37.5'N 122°28.3'E
	Legend "Anchorage Area" (43/02 Tso-ying)	25°11'18"N 121°43'12"E		
<b>94124</b>	13Ed. 3/30/96 LAST NM 38/02 Delete Purple dashed line between	42/02 25°12'24.5"N 121°44'41.7"E 25°12'30.0"N 121°44'41.5"E		
	Purple dashed line between	25°12'11.5"N 121°45'39.7"E 25°12'30.0"N 121°45'42.0"E		
	Purple dashed line between	25°12'05.5"N 121°46'03.7"E 25°12'30.0"N 121°46'10.0"E		
Add	Dashed line (anchorage limit) joining	25°12'31.5"N 121°44'15.7"E 25°12'50.5"N 121°42'52.7"E 25°11'02.5"N 121°42'19.6"E 25°10'06.5"N 121°44'41.6"E 25°12'31.5"N 121°44'15.7"E		
	Legend "Anchorage Area"	25°11'00.0"N 121°44'00.0"E		
	<b>(Plan)</b>			
Add	Dashed line (anchorage limit) between	25°10'06.5"N 121°44'41.6"E 25°10'23.0"N 121°44'00.0"E		
	Legend "Anchorage Area" (43/02 Tso-ying)	25°10'42.0"N 121°44'18.0"E		
<b>94180</b>	9Ed. 10/28/95 LAST NM 32/02 Add Dangerous wreck [K28] "Rep (2002)"	42/02 30°08.2'N 121°49.5'E		
	Danger circle [K1] "Unexploded Ordnance (Rep 2002)" (PA) (21(388), 23(453)02 Tianjin)	29°35.4'N 122°38.7'E		
<b>94203</b>	10Ed. 11/21/98 LAST NM 41/02 Add Submarine cable [L30.1] joining	42/02 30°50'57"N 121°52'58"E 30°49'26"N 122°28'51"E 30°38'01"N 122°39'27"E 30°38'00"N 123°15'00"E		
	Light Fl(3) 10s 128m 9M Light Fl 1.5s 11m 9M Light Fl 4s 91m 9M Light Fl(2) 6s 72m 9M	30°40'25"N 122°24'34"E 30°40'20"N 122°26'04"E 30°39'58"N 122°34'43"E 30°37'30"N 122°28'19"E		
	Light Fl(2+1) 9s 129m 15M Racon	30°38'54"N 122°30'37"E		
	Dangerous wreck [K28] "Rep (2002)" (PA)	30°44'01"N 122°35'31"E		
	Dangerous wreck [K28] "Rep (2002)"	30°08'13"N 121°49'32"E		
	(8(108-112), 21(388), 22(425), 29(548)02 Tianjin)			
<b>94206</b>	3Ed. 3/8/86 LAST NM 41/02 Add Submarine cable [L30.1] between	42/02 30°50'56"N 121°52'41"E 30°50'03"N 122°10'45"E		
	(29(548)02 Tianjin)			
<b>94207</b>	5Ed. 4/6/96 LAST NM N26/02 Add Dangerous wreck [K28] "Rep (2002)"	N42/02 30°08'13"N 121°49'32"E (21(388)02 Tianjin)		
<b>94220</b>	4Ed. 9/23/95 LAST NM 41/02 Add Submarine cable [L30.1] joining	42/02 30°50.5'N 122°03.0'E 30°49.4'N 122°28.9'E 30°38.0'N 122°39.5'E 30°38.0'N 123°16.0'E 30°36.0'N 123°18.6'E		
	Dangerous wreck [K28] "Rep (2002)" (PA)	30°44.0'N 122°35.5'E		
<b>95068</b>	IEd. 10/23/99 LAST NM 41/02 Relocate Buoy "34" from 36°59'07.2"N to	42/02 36°59'06.2"N 126°46'36.4"E (35(458)02 Inchon)		
<b>95102</b>	8Ed. 8/12/95 LAST NM 38/02 Add Buoy YB, pillar, double cone topmark	42/02 points downward, Q(6) + L Fl 15s 34°19'29"N 126°45'48"E (35(456)02 Inchon)		
<b>95103</b>	8Ed. 5/18/96 LAST NM 13/02 Add Beacon BY, double cone topmark	42/02 points upward, VQ 15m 7M 33°26'45"N 126°16'37"E		
	Light Fl G 4s 11m 5M	33°23'57"N 126°14'29"E (35(457), 36(466)02 Inchon)		
<b>95120</b>	7Ed. 12/2/95 LAST NM 21/02 Add Light Fl G 4s 11m 5M	42/02 (36(466)02 Inchon)	33°23'57"N 126°14'29"E	
<b>95160</b>	13Ed. 8/19/95 LAST NM 41/02 Delete Submarine cable in vicinity	42/02 (35(1203)02 Tokyo)	34°23.3'N 130°32.8'E	
<b>95180</b>	11Ed. 6/15/96 LAST NM 40/02 Add Light Fl R 5s 14m 5M Light Fl G 5s 14m 5M	42/02 (36(462)02 Inchon)	37°10'32"N 129°21'04"E 37°10'31"N 129°21'02"E	
<b>95341</b>	8Ed. 2/22/97 LAST NM 19/02 Delete Submarine cable in vicinity	42/02 (35(1203)02 Tokyo)	34°23'18"N 130°32'48"E	
<b>97100</b>	4Ed. 8/8/98 LAST NM 28/02 Add Fish haven symbol [K46.1]	42/02 (35(1205)02 Tokyo)	35°39'00"N 140°44'03"E	
<b>97120</b>	6Ed. 8/9/97 LAST NM 40/02 Add Fish haven symbol [K46.1] Fish haven symbol [K46.1]	42/02 (35(1205)02 Tokyo)	35°39.0'N 140°44.0'E 35°31.4'N 140°36.6'E	
<b>97220</b>	3Ed. 12/30/95 LAST NM 39/02 Change Light to Fl G 4s 13m 3M Light to Fl(2) R 5s 13m 4M (See 8/00-97220)	42/02 (35(1209)02 Tokyo)	34°25'23.0" 135°18'56.0"E 34°25'23.0" 135°18'37.0"E	
<b>97221</b>	20Ed. 1/17/98 LAST NM 39/02 Delete Light Light	42/02 (35(1209)02 Tokyo)	34°25'23"N 135°18'56"E 34°25'23"N 135°18'37"E	
<b>97223</b>	3Ed. 11/7/98 LAST NM 8/02 Change Light to Fl G 4s 13m 3M Light to Fl(2) R 5s 13m 4M	42/02 (Continuation of Hannan-Ko) Change Light to Fl G 4s 13m 3M Light to Fl(2) R 5s 13m 4M	34°25'23.0" 135°18'56.0"E 34°25'23.0" 135°18'37.0"E 34°25'23.0" 135°18'56.0"E 34°25'23.0" 135°18'37.0"E	
<b>97225</b>	31Ed. 1/21/95 LAST NM 39/02 Change Light to Fl G 4s 3M Light to Fl(2) R 5s 4M (See 8/00-97225)	42/02 (35(1209)02 Tokyo)	34°25'11"N 135°19'02"E 34°25'12"N 135°18'45"E	

## SECTION I

<b>97227</b>	11Ed. 9/20/97 LAST NM 24/02	42/02	"Dredged to 13m (1988-93)" area [I22] bound by existing dredged areas and dashed line joining 34°37'47.0"N 135°21'59.0"E 34°37'41.5"N 135°22'02.0"E 34°37'47.0"N 135°22'17.0"E
	Delete Dashed line joining		Dashed line between 34°37'47.0"N 135°23'01.0"E 34°37'44.2"N 135°22'17.0"E
Change	Legend to "Dredged 14m (1996-2001)" 34°37'46.0"N 135°22'05.0"E		Legend to "Section 5" 34°37'03.5"N 135°23'00.0"E Legend to "Section 4" 34°37'23.0"N 135°24'40.0"E
	Legend to "Dredged to 12m (1977-2001)" 34°37'45.0"N 135°23'16.0"E		
Add	"Dredged to 14m (1996-2001)" area [I22] bound by existing dredged areas, chart border and dashed line joining 34°37'47.0"N 135°22'01.0"E 34°37'41.0"N 135°22'03.8"E 34°37'46.4"N 135°22'19.0"E 34°37'05.0"N 135°21'11.0"E 34°36'55.5"N 135°21'17.5"E 34°37'47.0"N 135°22'44.5"E and delete hydrography within above limits		"Dredged to 13.5m (1996)" area [I22] bound by existing dredged areas, chart border and dashed line joining 34°37'47.0"N 135°22'01.1"E 34°37'42.0"N 135°22'03.1"E 34°37'30.9"N 135°21'31.9"E 34°37'38.0"N 135°21'16.9"E 34°37'47.0"N 135°21'42.0"E and delete hydrography within above limits
	Dashed line (dredged area limit) [I20] between 34°37'44.2"N 135°23'17.0"E 34°37'43.6"N 135°22'38.0"E and delete hydrography between dashed line, existing dredged area and chart border		Dashed line (dredged area limit) [I20] between 34°37'44.2"N 135°23'17.0"E 34°37'43.6"N 135°22'38.0"E and delete hydrography within above limits
	Buoy "No 2" R, pillar, cone topmark, Fl R 3s 34°36'55.5"N 135°21'17.5"E		Dashed line (dredged area limit) [I20] between 34°37'43.6"N 135°22'38.0"E and delete hydrography between dashed line and existing dredged areas
	Buoy "No 2" R, pillar, cone topmark, Fl(2) R 6s 34°37'43.6"N 135°22'38.0"E (Jpn CH W123)		Buoy "No 2" R, pillar, cone topmark, Fl R 3s 34°36'55.5"N 135°21'17.5"E (See 41/99-97228) (Jpn CH W123)
<b>97228</b>	15Ed. 1/24/98 LAST NM 40/02	42/02	"Dredged to 13m (1996)" area [I22] bound by existing dredged areas and dashed line joining 34°38'24.0"N 135°23'09.1"E 34°38'08.8"N 135°21'25.5"E
	Dashed line joining		Dashed line between 34°37'52.1"N 135°21'56.8"E 34°37'42.0"N 135°22'02.0"E 34°38'21.1"N 135°23'50.8"E
	Dashed line between		Dashed line between 34°37'52.5"N 135°22'32.0"E 34°37'44.2"N 135°23'17.0"E
	Dashed line between		Dashed line between 34°38'04.4"N 135°23'05.4"E 34°38'02.5"N 135°23'09.0"E
	Legend "Dredged to 13m (1996)" 34°38'12.0"N 135°23'06.0"E		
Relocate	Buoy "No 2" from 34°37'52.6"N 135°22'31.5"E to 34°37'43.6"N 135°22'38.0"E		Double solid line with land tint (breakwater) [F4.1] between 33°57'20.9"N 130°56'44.4"E 33°57'19.9"N 130°56'42.4"E (31(1289)98 Tokyo; Jpn CH W1262)
	Buoy "No 2" from 34°38'04.5"N 135°23'06.8"E to 34°38'02.5"N 135°23'09.0"E		
	Buoy "No 1" from 34°38'23.2"N 135°23'03.0"E to 34°38'24.0"N 135°23'09.1"E		
Change	Legend to "Section 6" 34°38'32.0"N 135°22'26.0"E Legend to "Section 4" 34°37'22.2"N 135°24'40.0"E Legend to "Section 6" 34°37'53.0"N 135°22'21.5"E		Double solid line with land tint (breakwater) [F4.1] between 33°57'20.9"N 130°56'44.4"E 33°57'19.9"N 130°56'42.4"E (31(1289)98 Tokyo; Jpn CH W1262)
	Legend to "Dredged to 12m (1977-2001)" 34°37'37.0"N 135°24'00.0"E		
Add	Legend "Section 5" 34°37'18.0"N 135°22'54.0"E		
	Purple dashed line (section limit) between 34°36'45.5"N 135°20'37.5"E 34°38'21.1"N 135°23'50.8"E		
<b>97273</b>	10Ed. 5/21/94 LAST NM 34/02	42/02	Add Fish haven symbol [K46.1] (35(1211)02 Tokyo)
<b>97285</b>	6Ed. 7/26/97 LAST NM 34/02	42/02	Relocate Light from 33°57'21.5"N 130°56'45.0"E to 33°57'19.9"N 130°56'42.4"E (See 10/02-97285)
	Add Land tint to area bound by shore and solid line joining		Land tint to area bound by shore and solid line joining 33°57'21.4"N 130°56'44.8"E 33°57'20.9"N 130°56'44.4"E 33°57'22.9"N 130°56'42.6"E
			Double solid line with land tint (breakwater) [F4.1] between 33°57'20.9"N 130°56'44.4"E 33°57'19.9"N 130°56'42.4"E (31(1289)98 Tokyo; Jpn CH W1262)
<b>97286</b>	6Ed. 7/19/97 LAST NM 41/02	42/02	Relocate Light from 33°57'21.5"N 130°56'45.0"E to 33°57'19.9"N 130°56'42.4"E (See 10/02-97286)
	Add Land tint to area bound by shore and solid line joining		Land tint to area bound by shore and solid line joining 33°57'21.4"N 130°56'44.8"E 33°57'20.9"N 130°56'44.4"E 33°57'22.9"N 130°56'42.6"E
			Double solid line with land tint (breakwater) [F4.1] between 33°57'20.9"N 130°56'44.4"E 33°57'19.9"N 130°56'42.4"E (31(1289)98 Tokyo; Jpn CH W1262)
<b>97420</b>	17Ed. 9/20/97 LAST NM 39/02	42/02	Delete Submarine cable in vicinity (35(1203)02 Tokyo)

## SECTION I

NM 42/02

97521 6Ed. 3/14/98 LAST NM 19/02 42/02  
**(Plan M)**  
Add Solid line (breakwater) joining 33°05'46.3"N 139°46'34.0"E  
33°05'46.0"N 139°46'36.0"E  
33°05'49.3"N 139°46'41.7"E  
Position circle "(R Lt)" 33°05'46.3"N 139°46'34.0"E  
(35(1208)02 Tokyo)

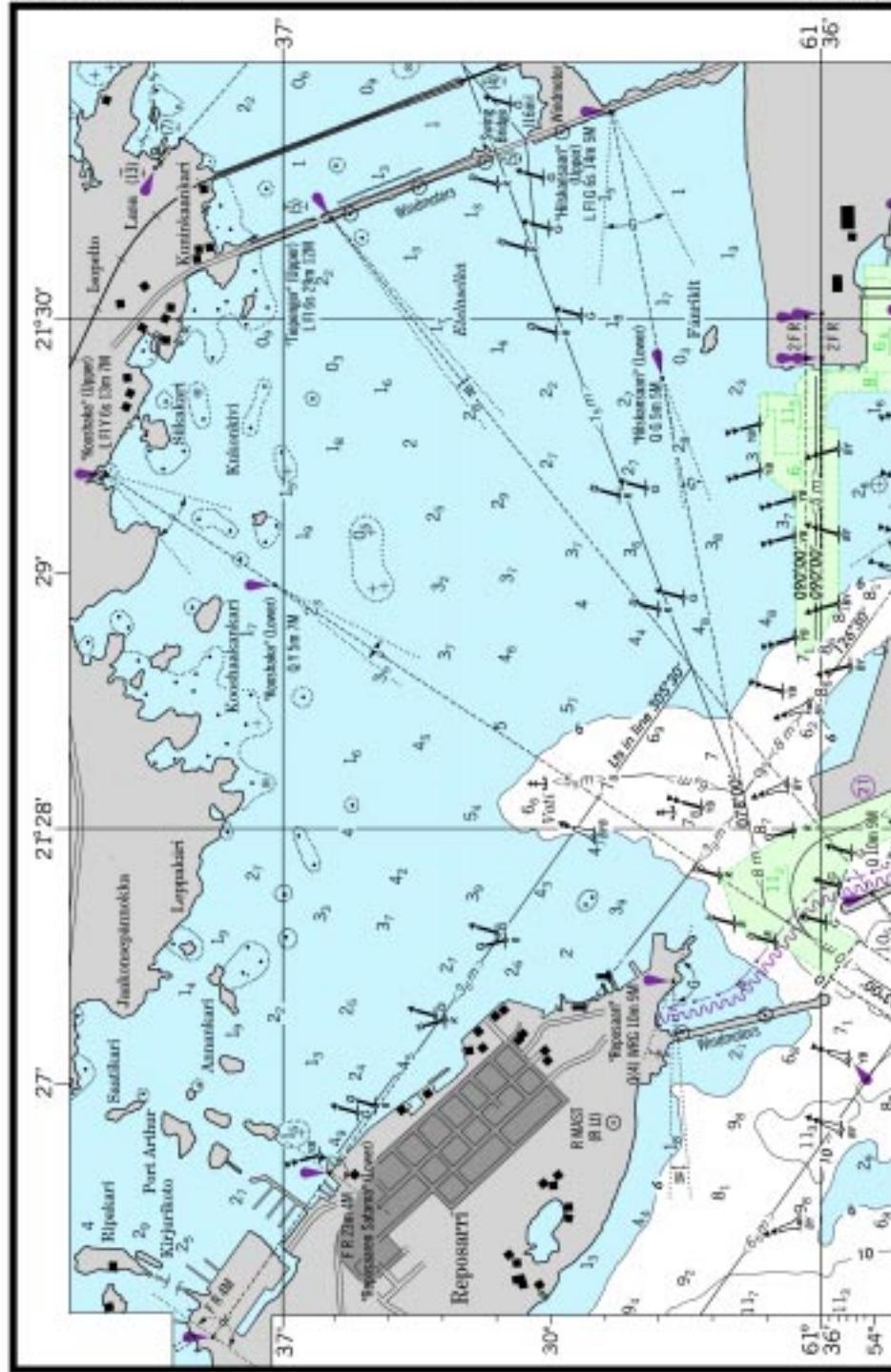
## SECTION I

NM 42/02

Chart 44310 (Plan)

(A)

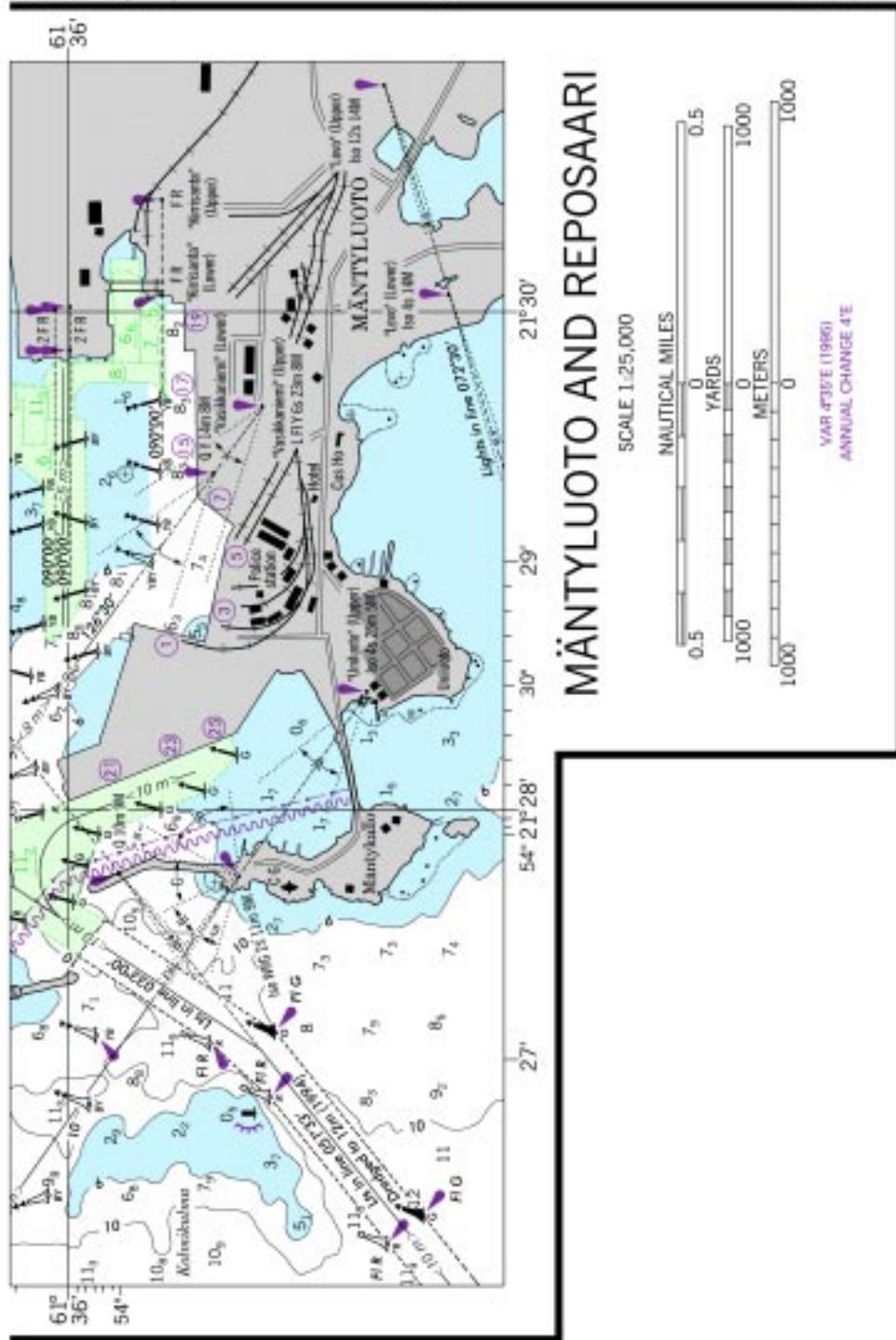
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### Chart 44310 (Plan)

(B)

NM 42/02



## SECTION I

NM 42/02

Chart 11347 (Side A)

NM 42/02

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	28.0	40.0	39.0	27.0	1-02;7-02	800 19.1 42
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	31.0	44.0	47.0	48.0	6-01	400 1.4 40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	22.0	38.0	40.0	36.0	7-01;9-01;10-01	400 6.0 40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	35.0	40.0	41.0	36.0	1-02	400 6.0 40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	37.0	40.0	40.0	37.0	1-02	400 6.0 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	34.0	38.0	39.0	33.0	7-01;1-02	400 5.0 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	35.0	39.0	36.0	35.0	2-02	400 4.4 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	30.0	39.0	39.0	34.0	2-02	400 2.0 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11347 (Side B)

NM 42/02

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	28.0	40.0	39.0	27.0	1-02;7-02	800 19.1 42
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	31.0	44.0	47.0	48.0	6-01	400 1.4 40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	22.0	38.0	40.0	36.0	7-01;9-01;10-01	400 6.0 40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	35.0	40.0	41.0	36.0	1-02	400 6.0 40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	37.0	40.0	40.0	37.0	1-02	400 6.0 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	34.0	38.0	39.0	33.0	7-01;1-02	400 5.0 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	35.0	39.0	36.0	35.0	2-02	400 4.4 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	30.0	39.0	39.0	34.0	2-02	400 2.0 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

## SECTION I

NM 42/02

Chart 11468

NM 42/02

MIAMI HARBOR CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO MAR 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (MLLW FEET)
OUTER BAR CUT	38.4	44.5	43.9	44.1	3-02	500	1.5	44
WIDENER A	44.9	44.7	43.9	41.8	3-02	0-600	0.55	44
BAR CUT	44.1	44.0	39.3	34.9	3-02	500	0.75	44
GOVERNMENT CUT	41.9	42.0	42.0	41.8 B	3-02	500	1.0	42
MAIN CHANNEL	36.3	37.0	36.7	35.2	3-02	400	2.44	36
FISHERMANS CHANNEL C								
LUMMUS ISLAND CUT	30.1	30.0	32.4	30.8	3-02	400-750	0.95	36
LUMMUS ISLAND TURNING BASIN D	20.5 E	30.0	30.3	29.6	3-02	400-2000	0.80	36
DODGE ISLAND CUT	34.3	33.7	34.8	33.8	3-02	400-900	0.70	35
A. WIDENER LOCATED AT THE JUNCTION OF OUTER BAR CUT AND BAR CUT REACH. B. SHOALING TO 19 FT BETWEEN 25°46'59" N 80°58'17" W AND 25°46'00" N 80°58'22" W. SHOALING EXTENDS 100 FT INTO CHANNEL. C. NOT A CORPS OF ENGINEERS PROJECT. CONSULT PORT OF MIAMI FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION. (305)371-7676 D. SHOALING TO 11 FT, 100' FROM WEST END OF TURNING BASIN BETWEEN 25°46'07" N 80°10'12" W AND 25°45'56.5" N 80°10'11.4" W E. SHOALING TO 6' AT 25°45'54.2" N, 80°09'50.0" W								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.								

Chart 11537

NM 42/02

CAPE FEAR RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	RIGHT INSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (MLLW FEET)
BALDHEAD SHOAL	36.2	38.3	38.4	32.0	8,10-01; 6-02	500	5.0	40
SMITH ISLAND	45.2	45.5	45.4	40.1	6-02	500	1.0	40
BALDHEAD CASWELL CHANNEL	44.8	45.2	44.2	44.4	2-02	500	0.4	40
SOUTHPORT CHANNEL	43.5	45.1	44.9	44.1	1-02	500	1.0	40
BATTERY ISLAND CHANNEL	45.1	44.2	44.7	44.1	2-02	500	0.5	40
LOWER SWASH	41.5	42.2	41.5	41.3	5-02	400	1.6	38
SNOWS MARSH	41.3	42.0	41.6	39.5	5-02	400	3.1	38
HORSESHOE SHOAL	40.4	42.7	42.2	40.8	5-02	400	1.2	38
REAVES POINT	35.8	37.8	37.2	35.5	3-02	400	1.2	38
LOWER MIDNIGHT	35.5	38.4	38.6	34.0	3-02	400	1.6	38
UPPER MIDNIGHT	36.7	37.6	38.3	36.2	3-02	400	2.7	38
LOWER LILLIPUT	37.1	36.8	36.9	35.3	3-02	400	1.9	38
UPPER LILLIPUT	35.7	37.1	37.0	35.8	3-02	400	1.9	38
KEG ISLAND	37.5	39.0	37.4	34.7	3-02	400	1.4	38
BIG ISLAND LOWER	39.7	42.4	43.6	43.1	3-02	400	0.8	38
BIG ISLAND UPPER	41.1	42.9	43.5	37.5	3-02	400	0.5	38
LOWER BRUNSWICK	37.7	38.3	38.9	37.8	4-02	400	1.6	38
UPPER BRUNSWICK	34.1	39.7	39.7	36.8	4-02	400	1.0	38
FOURTH EAST JETTY	36.7	38.6	39.0	36.5	4-02	400	1.2	38
BETWEEN CHANNEL	32.2	39.7	39.1	36.2	4-02	550	0.8	38
ANCHORAGE BASIN & APP CHANNEL	29.8	35.9	35.9	32.2	4-02	450-1090	1.3	38
Hwy 74-76 TO BATTLESHIP	27.1	32.7	35.5	24.3	4-02	400	0.6	32
BATTLESHIP TO HWY 117 INCLUDING TURNING BASIN	10.8	29.6	31.1	24.7	4-02	190-650	-	32
HWY 117 TO HILTON BR	26.7	30.4	31.0	30.7	4-02	200-400	0.5	32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W	23.1	23.6A	23.5B	21.9C	6-99	200	1.2	25
TURNING BASIN	24.6	21.0	22.2	16.1	6-99	500	0.1	25
A. EXCEPT FOR SHOALING TO 21.4 FEET FOR THE LAST 150 FEET OF THE PROJECT. B. EXCEPT FOR SHOALING TO 16.4 FEET FOR THE LAST 150 FEET OF THE PROJECT. C. EXCEPT FOR SHOALING TO 10.2 FEET FOR THE LAST 150 FEET OF THE PROJECT. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.								

**SECTION I**

NM 42/02

Chart 12311

NM 42/02

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2002 AND SURVEYS TO AUG 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (NAUT FEET)	LENGTH (MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	33.4	33.9	32.0	8-02	500-340	0.70	38
THENCE TO THE LOBDELL CANAL TURNING BASIN (OPPOSITE TERMINAL WHARF)	32.3	28.9	30.1	7-02	400	0.33	35
	32.1	31.1	30.5	7-02	320	0.34	38

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12312

NM 42/02

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2002 AND SURVEYS TO AUG 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (NAUT FEET)	LENGTH (MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	33.4	33.9	32.0	8-02	500-340	0.70	38
THENCE TO THE LOBDELL CANAL TURNING BASIN (OPPOSITE TERMINAL WHARF)	32.3	28.9	30.1	7-02	400	0.33	35
	32.1	31.1	30.5	7-02	320	0.34	38

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18502

NM 42/02

GRAYS HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO MAY 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
BAR CHANNEL	44.8	45.8	46.0	2-02	1000	4.6	46
ENTRANCE RANGE	32.1	34.4	36.5	2-02	900-600	1.8	42
PT CHEHALIS REACH	33.8	35.1	36.9	2-02	600	1.2	40
SOUTH REACH	35.0	36.2	33.2	1-02	600-350	4.1	36
CROSSOVER CHANNEL	32.2	36.3	31.4	5-02	350-450	2.5	36
NORTH CHANNEL	35.2	36.9	32.2	5-02	450-350	2.4	36
HOQUIAM REACH	34.5	37.6	32.8	5-02	350	1.9	36
COW POINT REACH	35.8	36.1	34.5	5-02	350-900	1.8	36
ABERDEEN REACH	27.8	29.8	29.0	10-01; 2-02	550-200	2.6	30
TURNING BASIN	32.5	32.4	24.5	1-02	200-550	3	30
THENCE TO COSMOPOLIS	26.5	26.9	27.7	1-02	200	.8	30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18581

NM 42/02

YAQUINA BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
CHANNEL ENTRANCE 44°36'23"N, 124°05'24"W						
TO FIRST TURN	24	29	26	7-02	400-300	1.3 40-30
THENCE TO TURNING BASIN	28	28	25	4,7-02	300-400	1.3 30
TURNING BASIN	18	23	24	4-02	300-1200	0.3 30
THENCE TO YAQUINA	13	12	12	6-00	200	1.6 18
THENCE TO END OF PROJECT	2A	07	5B	7-98;7-00;11-00	150	9.7 10
A. SHOAL TO BARE AT 44°36'57.89"N, 123°56'34.87"W. B. SHOAL TO BARE FROM 44°36'49.6"N, 123°56'55.4"W TO 44°36'57.3"N, 123°56'42.7"W.	NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 18583

NM 42/02

SIUSLAW RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO JUL 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
ENTRANCE TO HIGHWAY BRIDGE	9	10	11	3-02; 7-02	300-200	5.0 18-16
TURNING BASIN	10	8	6	3-02	400	0.3 16
TURNING BASIN TO CUSHMAN	8	9	9	7-99;3-02	150	2.1 12
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 18587

NM 42/02

COOS BAY AND Isthmus Slough Channel Depths TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JULY 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
ENTRANCE RANGE	39	38	38	5-02	--	1.9 47-37
ENTRANCE RANGE AND TURN	41	45	28	7-02	300-1050	0.5 37
INSIDE RANGE	39	38	37	7-02	300	0.6 37
COOS BAY RANGE	35	37	36	7-02	300	1.6 37
EMPIRE RANGE	36	37	38	7-02	300	1.3 37
LOWER JARVIS RANGE	36	37	34	7-02	300	0.8 37
JARVIS TURN	36	35	36	7-02	300	0.5 37
UPPER JARVIS RANGE	33	36	36	7-02	300-700	1.9 37
NORTH BEND LOWER RANGE	37	39	37	7-02	400	0.4 37
NORTH BEND RANGE	34	36	36	7-02	400	0.9 37
NORTH BEND UPPER RANGE	36	37	36	7-02	400	0.6 37
LOWER TURNING BASIN	32	37	34	7-02	400-900	0.3 37
FERNDALE LOWER RANGE	38	39	38	7-02	400	0.4 37
FERNDALE TURN	34	38	37	7-02	400	0.2 37
FERNDALE UPPER RANGE	31	36	36	7-02	400	0.7 37
MARSHFIELD RANGE	36	37	35	7-02	400	0.4 37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	33	34	36	7-02	150-750	0.9 37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0 22
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 42/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
11	2	38/01	11309	36	13*,14,21,26,28,36/02	11364	38	39*,44,51/01;5,8,10,11, 13,16,17,22,25,30,33,35,	11472	30	39/01;16,26,27,28,29, 30/02
50	5	5,8,17/02	11310	1	N43,N44/01;N4,N7,N8, N21/02	11365	16	1*,14,40,42/02	11474	10	43/01;16/02
51	1	7/02	11311	23	15*,21/02	11366	6	40,41,42,43,47,49/01;5,6, 7,10,11,12,13,14,16,18, 22,24,25,26,28,33,39, 40/02	11475	16	40,50/01;16,27/02
52	1	14,18/02	11312	3	2*,4,7,8,21,26,28,36/02	11367	31	52/01;5,12,16,17,25, 21,25,36,37,40/02	11476	19	16/02
53	2	5,17/02	11313	22	45/01;4,31/02	11368	22	38/02*	11477	6	N43,N46/01;N2,N16/02
71	4	43/01	11314	21	43/01;4,8,14/02	11369	43	44,51/01;5,8,12,16,17,25, 30,33,35,38,39/02	11478	19	43/01;2,4,15,16,31/02
103	5	44/01	11315	30	37/02*	11370	23	2*,5,6,17,31,33,40/02	11479	4	N43,N50/01;N5,N8,N12, N15,N24,N27,N28,N29, N35/02
108	9	38,42/01;12,13,32,35/02	11316	38	41*,45/01;4,11,13,14,16, 21,25,36,37,40/02	11371	31	52/01;5,12,16,17,25, 33/02	11480	37	49/01;6,32,35/02
120	6	38,44/01	11317	29	20*,21,25,37,40/02	11372	29	40,44,47/01;6,7,9,12,17, 23,27,30/02	11481	4	42/02*
121	5	38/01	11318	1	N46/01;N6,N7,N12,N21, N29/02	11373	42	31*,33,37,40,41,42/02	11484	21	15,16/02
125	7	44/01	11319	30	45/01;11,13,25,40/02	11374	30	40,41,45,48/01;4,6,7,8,9, 10,17,23,25,27,28,29,31, 37,41,42/02	11485	32	48/01*,15,34/02
126	39	44/01	11320	1	N46/01;N8,N9,N28/02	11375	34	41,42,44/01;4,6,7,8,9,10, 17,23,25,28,31,37,41/02	11487	19	9/02*
145	16	38/01	11321	29	12*,22,28,39,40,41/02	11376	48	9*,13,15,16,21,22,23,25, 27,29,31,40/02	11489	33	46*,49/01;11,24/02
211	5	47,48/01	11322	27	46*,48/01;21,22,24,36, 37/02	11377	4	26*,40/02	11490	17	46/01;2/02
302	1	41,42/01	11323	59	26*,28,33,37,39/02	11378	31	10*,16,18,22,23,25,27, 30,32,40/02	11491	33	46/01;2,18,22,28,29,30, 34,37,38/02
310	20	38,42/01	11324	32	22*,24,25,31,33,37/02	11379	34	41,42,44/01;4,6,7,8,9,10, 17,23,25,28,31,37,41/02	11492	19	9/02*
400	3	38/01;23,26,31,32,33, 35/02	11325	34	19*,21,24,35,37/02	11380	38	18*,32,40/02	11493	9	N44/01;N11,N24,N39/02
401	5	42/01;22,23,26,31,33, 35/02	11326	30	41,43,44,46/01;4,5,6,7,8, 9,10,11,15,16,21,22,24, 25,31,33,35,36,37/02	11381	49	9*,11,15,16,21,22,23,25, 27,29,31,40/02	11494	8	N44/01;N11,N12,N24, N39/02
411	48	41,42/01;1,11,13,16,22, 23,26,31,32,33,35,40, 42/02	11327	30	41,46/01;5,7,10,11,16,21, 22,24,28,37/02	11382	32	2*,7,8,11,18,23,28,33, 37/02	11495	16	19/02*
500	7	43/01;5/02	11328	22	46/01;6,7,9,10,21,36,37, 39/02	11383	49	19*,22,27,30,32/02	11496	9	N44,N49/01;N6,N32, N35/02
501	11	6,8,10,34,38/02	11329	34	12*,21,24,36,37,39/02	11384	32	42/01;1,3,10,18,22,30, 32/02	11498	16	19/02*
508	2	42/01;15,24/02	11330	13	38,40,41,42,43,44,45,47, 48,49/01;4,6,7,8,9,10,11, 12,15,16,17,19,22,23,24, 25,26,28,29,30,31,33,34, 36,37,39,40,41,42/02	11385	25	23/02*	11502	28	44,49/01;11/02
509	4	14/02	11331	18	44/01*;11,17,23/02	11386	16	49/01;7,10,17/02	11503	39	38*,39/02
513	6	40,45,48/01;5,17,38/02	11332	28	42/02*	11387	32	2*,7,8,11,18,23,28,33, 37/02	11505	1	41,50/01;4,11,16,18,26, 28,31,34,40/02
514	6	40/01	11333	1	N46/01;N28/02	11388	22	23*,27,33,34,37/02	11506	39	40,46/01;5,12,18,25,32, 35,39/02
520	127	5,8,20,38/02	11334	66	38,42,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 40,42/02	11389	32	2*,7,8,11,18,23,28,33, 37/02	11507	30	49/01*-1,24,34/02
521	11	5,17/02	11341	38	44,45,48/01;6,7,9,10,11, 12,16,18,21,22,23,24,28, 30,31,34,36,37,39/02	11390	22	23*,27,33,34,37/02	11509	27	12*,20/02
522	87	14,18/02	11342	51	40/01;7,11,14,17,21,23, 24,30,37/02	11391	22	45/01;1,6,8,18,23,33, 34/02	11510	18	42/01*,34/02
523	8	5,17/02	11343	36	47/01*;7,17,21,23,37, 40/02	11392	6	2,10,34/02	11511	16	12/02*
524	12	14,18/02	11344	34	45*,47,51/01;5,7,10,12, 13,16,17,19,24,28,30,38, 40/02	11393	20	5*,7,8,11,18/02	11512	58	10,15,16,18,20,26,28,31, 34,40/02
525	3	14,18/02	11345	30	10,12,16,40/02	11394	34	9*,11,12,39,39/02	11513	23	38,49/01;4,18,32/02
526	10	39/01;7,12,18/02	11346	33	42/02*	11395	29	45/01*,8,23/02	11514	26	37*,40/02
530	30	22*,26,37,38,40/02	11347	19	46*,48/01;23/02	11396	17	21,24,36,42/02	11515	17	10/02*
531	21	18/02*	11348	49	46*,48/01;23/02	11397	33	42/01;21,22,24,42/02	11516	29	7*,18,24,37/02
532	17	40,44/01;5,17,38/02	11349	40	38*,42/02	11398	14	15,23/02	11517	17	46*,49/01;32/02
540	16	42/01	11350	24	15/02*	11399	21	15,23/02	11518	32	39/01;6,15,16,32,35/02
550	7	42/01;18,24/02	11351	37	40/01;5,6,8,9,10,11, 12,15,16,19,22,27,28,30, 33,36,37,38,40/02	11400	29	45/01*,8,23/02	11520	40	31*,39,40/02
601	4	14/02	11352	35	2*,5,6,7,8,12,14,16,17, 22,24,26,27,37,38,39, 40/02	11401	29	45/01*,8,23/02	11521	26	15*,17,32,35/02
602	6	12/02	11353	23	47/01*;5,6,8,12,15,16,19, 22,27,28,33,37,38,40/02	11402	13	44/01*,17,21,24,39/02	11522	19	45/01*
604	5	39/01;12,18/02	11354	24	47/01*;7,17,21,23,37, 40/02	11403	21	15/02*	11523	21	15*,17,32,35/02
605	4	39/01;9,12/02	11355	24	37*,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 40,42/02	11404	21	15/02*	11524	45	13*,16,21,32,35/02
606	1	39/01;9/02	11356	34	45*,47,51/01;5,7,10,12, 13,16,17,19,24,28,30,38, 39,40/02	11405	5	42/02*	11525	6	N38,N43,N45,N48/01; N2,N12,N14,N17,N19, N23,N39,N40/02
607	1	39,42/01;7/02	11357	35	36*,37,40,42/02	11406	30	15,20,39,42/02	11527	16	47/01;12,37/02
621	5	39,42/01;7,22/02	11358	51	23*,24,26,27,31,39,42/02	11407	27	15/02*	11531	21	31/02*
622	9	39/01;9,12,14,20/02	11359	11	22*,26,39/02	11408	21	15/02*	11532	20	15*,37/02
623	9	14/02	11360	39	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40/02	11409	31	9*,13,17,20,23,31,32, 33,39,40,42/02	11533	31	2*,9,13,14,32/02
624	3	22/02	11361	24	42*,45/01;9,11,12,13,28, 29,39,40/02	11410	11	40/01	11535	12	12*,25/02
632	8	15,24/02	11362	23	47/01*;5,6,8,12,15,16,19, 22,27,28,33,37,38,40/02	11411	39	39,42,45,46,47,48/01;13,36/02	11536	15	19*,40/02
703	4	41/01	11363	69	13*,16,17,19,22,24,25, 26,27,31,34,36/02	11412	32	12/02	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40,42/02
705	3	41/01;12/02	11364	16	28/02	11413	21	31/02*	11539	18	48/01;2,9,39/02
706	4	41,43,44/01	11365	35	15,22,26,39/02	11414	39	39,42,45,46,47,48/01;13,36/02	11541	32	48/01;1,2,8,13,18,20,21, 30,39/02
800	4	40/01;17/02	11366	20	42/02*	11415	30	42,50/01	11545	59	43,45/01;1,8,13,18,20,21, 25,29,30,37/02
803	1	8,17/02	11367	34	42*,45/01;9,11,12,13,28, 29,38*,42/02	11416	30	50/01	11547	35	22*,25,29,30,37/02
1113A		1,5,20,39,42/02	11368	24	22*,28/02	11417	35	38/02*	11548	37	45/01;2/02
1114A	9*	11,23,39/02	11369	35	15,22,26,39/02	11418	16	28/02	11552	18	45/01
1115A		41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40/02	11370	35	15,22,26,39/02	11419	30	8*,22,28/02	11554	16	47/01*
1116A		38,42,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 40,42/02	11371	22	22,27,28,33,37,38,40/02	11420	21	31/02*	11555	38	36/02*
1117A		28*,30,31,37,39,40,41, 42/02	11372	24	37*,40/02	11421	33	42,50/01	11556	22	45/01;13,18,29,39/02
11004	7	38,41,42,43,49/01;4,7,8, 9,10,11,12,13,15,16,18, 22,26,28,31,37,39,40, 42/02	11373	35	36*,37,40,42/02	11422	21	31/02*	11557	37	36/02*
11009	36	28*,5,12,19,23,24,32, 35/02	11374	51	23*,24,26,27,31,39,42/02	11423	20	16/02	11558	32	48/01;1,2,8,13,18,20,21, 30,39/02
11006	30	28*,36,39,40/02	11375	11	22*,26,39/02	11424	24	45/01*-16/02	11559	18	48/01;2,9,39/02
11009	36	28*,5,12,19,23,24,32, 35/02	11376	39	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40/02	11425	33	42/01;21,22,24,42/02	11560	20	15*,37/02
11013	44	18*,20,35/02	11377	24	37*,40/02	11426	35	31/02*	1156		

## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 42/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12221	72	47/01*;1,2,5,7,11,23,31, 33,34/02	12365	26	41/01;2,18/02	13307	10	52/01*	14773	16	15,19/02
12222	42	13*,27,30,33,34,38/02	12366	27	3,14/02	13308	11	14,40/02	14775	N31/02*	
12224	22	34,39/02	12367	23	18/02	13309	28	42/02*	14776	N31/02*	
12225	53	28*,30,31/02	12368	26	42/02*	13312	20	40/01;5,21,36/02	14777	N31/02*	
12226	16	2*,22,30/02	12369	25	31/02*	13313	19	40/01;21,25,41/02	14782	24	21,22/02
12228	28	40/01;30,31/02	12370	18	39/02*	13315	11	19/02*	14785	16	22/02
12230	58	40/01;5,10,14,21,23,31, 35/02	12371	22	40/01;28/02	13318	18	38*,41/02	14786	13	5*,24/02
			12372	30	38,41,42/01;2,8,9,12,21, 22,23,32/02	13321	8	40/01	14800	9	40/01;19,23,02
12231	26	9*,14,31,35/02	12373	14	50/01*	13324	13	5,41/02	14802	30	40,47/01
12233	34	40/01	12375	21	22/02	13325	14	5/02	14804	24	20/02*
12235	29	12*,30,31/02	12377	14	22,25,37/02	13326	12	41/02	14805	23	40/01
12237	26	14,27/02	12401	7	31/02*	13394	3	39/02*	14806	23	40/01
12238	36	1,14,16,31,34/02	12402	8	31*,33/02	13396	4	13/02*	14810	4	40/01;19/02
12241	21	9*,14,16,34/02	13000		N38,N41,N42,N52/01; N8,N11,N12,N13,N21, N25/02	13398	3	19*,36/02	14811	16	47/01
12243	13	5/02				14002	57	41/01;21/02	14812	3	19/02
12245	60	12*,14,15,27,30,33,38/02				14003	6	41,42/01;11,12,13,16, 25/02	14813	20	24/02
12248	39	18*,30,33,40/02	13003	45	41,42,43,44,47,52/01;2,8, 11,12,13,19,21,23,25,36,	14008	76	41/01;21/02	14815	22	47/01
12251	23	10,35/02	13006	30	39/02*	14009	3	45/01	14816	23	40/01
12252	23	45/01;5,33,34/02	13009	30	42/02*	14010	5	38/01;21,35/02	14824	25	24/02
12253	42	9*,33,38,42/02	13200	33	13*,25,37/02	14014	82	45/01	14826	26	46/01;21/02
12254	43	38/02*	13201	10	N38,N42,N43,N44,N47, N52/01;N13,N25,N37/02	14018	6	16/02	14829	5	46/01;21/02
12255	15	13/02*	13203	12	52/01;37/02	14024	5	33,36,39/02	14830	29	41/01;18,23,39/02
12261	28	37/02*	13204	12	13/02	14040	65	40/02	14832	33	41/01;7,20,24,26/02
12263	51	38/02*	13205	36	38,41,44,51/01;9,12,37, 42/02	14061	27	41/01	14833	25	7,20,26/02
12264	28	38/02*	13209	23	41,44/01;14,37/02	14086	4	39/01	14835	31	43/01;39/02
12266	27	30/02	13211	13	9,21,23/02	14087	58	39/01;33/02	14836	27	42/02*
12268	10	22/02*	13212	34	38/01;9,12,21,23/02	14088	10	41/02*	14837	27	26/02*
12270	31	50/01*;3,5,8,14,21,27, 36/02	13213	39	38,42/01;8/02	14089	29	41/02*	14838	2	35,37,38/02
12272	29	26*,27,36/02	13214	27	34/02*	14090	2	39/01;33/02	14839	35	44/01;7,21,24,37/02
12273	53	26*,31,36/02	13215	17	44,51/01;9,14/02	14091	6	41/02*	14842	12	41/01*;4,18,23,39/02
12274	33	37/02*	13216	1	N12/02	14105	19	41/01	14843	22	33,39/02
12277	31	26/02*	13217	14	46/01;14/02	14115	2	41/01	14844	31	4,18/02
12280	3	37/02*	13218	38	39,42/01;11,29,42/02	14144	29	21/02	14845	26	4,18/02
12281	49	50/01;15/02	13219	12	49/01*;14/02	14151	2	37/02	14846	11	42/01;18,23,24,39,40/02
12282	33	31/02*	13221	53	41/01*;2,4,15,29/02	14168	N39/01		14847	30	24,40/02
12283	24	3,5/02	13223	36	2*,15/02	14180	38	38,40,41/01;21/02	14848	56	9*,23,24,31/02
12285	34	40/01;27,39/02	13224	36	7/02*	14181	3	40/01	14850	51	21*,23/02
12286	28	40/01;2/02	13226	5	42/01;2,4,5/02	14184	N38,N40/01		14852	49*	20,23,25,26,37/02
12287	17	2/02	13227	13	42/01;2,4,5/02	14185	2	3/02	14853	13	21*,23,24,25,26,31,37/02
12288	19	40/01;2,27/02	13229	27	43/01*;11,17,39,42/02	14189	2	38/01	14854	13	44/01;24/02
12289	47	40/01;39/02	13230	45	39/11;19,39,42/02	14190	2	39/01	14860	35	8*,21,24/02
12300	42	43,44,50,52/01;17,18,19, 28,29,37,39,42/02	13232	4	11,39,42/02	14200	2	39/01	14862	28	26/02*
12301	21	N20*,N28,N29,N37, N39,N42/02	13233	16	39,42,49/01;17/02	14203	12	19/02	14863	30	5*,10,24/02
12304	42	28*,42/02	13235	5	17/02	14204	21	19/02	14864	26	45*,46/01;24,37/02
12311	41	46/01*;2,4,15,18,28,31, 42/02	13237	38	42,49,51/01;2,4,17,42/02	14206	20	19/02	14865	16	43/01
12312	51	45/01*;4,5,8,9,18,21,27, 31,33,42/02	13238	14	42,49/01	14208	28	40/02	14867	25	6,32/02
12313	48	46/01*;5,9,14,18,21,27, 31,33/02	13241	15	21*,34,42/02	14221	26	40/02	14869	26	9/02*
12314	29	2,5,6,10,42/02	13244	39	22/02*	14225	17	38/02	14871	2	21/02
12316	28	44/01*;11,26,27,37,39, 42/02	13246	36	41,45/01;11,26,27/02	14226	32	40/02	14872	3	21/02
12317	31	15*,26,37/02	13249	8	50/01*	14227	28	40/02	14873	2	35/02
12318	40	43/01;19,39/02	13250	5	40/01*	14228	11	40/02	14880	30	33/02
12323	23	43,48,50/01;19,40/02	13253	17	41/01;20,26/02	14230	12	19/02	14881	31	28*,33/02
12324	29	48,50/01;1,18/02	13260	38	28*,36/02	14234	6	39,48/01;16,34/02	14883	42	6,17,23/02
12326	48	1,12,17,18,27,28/02	13263	7	N38,N41,N42,N43,N44, N45,N47,N48,N52/01; N2,N8,N11,N20,N21, N25,N27,N36/02	14243	8	39/01;19,34/02	14885	20	41/01*
12327	95	19*,20,21,22,28,30,33, 35,37,38/02	13264	103	5,21,36/02	14244	5	19/02	14886	10	8/02
12331	29	40,41,43/01;4,15,22/02	13267	30	6*,12,17,19,27/02	14244	5	19/02	14890	13	17,24,31/02
12332	21	40,43/01;15,22/02	13270	59	44,49/01;2,3,5,9,17,19, 33,34,40/02	14245	3	39/01	14892	28	24,25,31/02
12333	31	40,41,43/01;2,3,4,9,15, 20,21,22,28,30,33,35, 38/02	13272	47	41/01;3,11,19,28,40/02	14260	47	35/02	14893	22	41/01;8,23,32/02
12334	64	40,43/01;3,22,27,30, 33/02	13274	24	47,49/01;3,5,17,19,27/02	14263	15	39,48/01	14897	25	2*,13,17/02
12335	39	6/02*	13275	27	41,44,47,49/01;2,5,17,19, 27/02	14264	4	39/01	14908	17	41/01;13/02
12337	22	8,15,20,28,31/02	13276	21	19,27/02	14280	37	35/02	14909	22	41/01;5,17,31,32/02
12339	43	5/02	13281	17	41/01	14284	7	16/02	14905	29	43,47/01;31,35,37/02
12341	25	22/02*	13283	18	49/01;11/02	14343	8	39/01;19,34/02	14907	25	2*,13,17/02
12343	18	37/02*	13285	10	49/01;11/02	14344	2	37,40/02	14908	17	41/01;13/02
12345	10	42/02*	13286	29	39*,40/02	14345	5	37,40/02	14911	20	41/01*
12347	29	43/01;25/02	13287	11	48/01	14756	N41/01*		14912	16	43,46/01
12348	33	25/02	13288	40	41,44/01;2,9,11,15*,20, 23,29,36/02	14757	N41/01*		14917	23	17/02
12350	57	39/02*	13295	10	42/01	14758	N41/01*		14918	26	42/01;25/02
12352	29	9*,12,34/02	13301	20	41/01;1,9,25,33/02	14360	36	16,26,33,36/02	14919	27	50/01;10,24/02
12354	39	9*,12,14,22,28,33,37/02	13302	21	3*,8,9,20,25,41/02	14368	3	36/02	14922	19	26/02*
12358	18	41/01;14,37/02	13303	11	41,42/01;1,8,9,20,25, 41/02	14376	19	41/01**	14924	27	28*,32/02
12363	39	41/01;2,3,14,18,28/02	13305	28	1,8,25,40,41/02	14769	N31/02*		14926	9	43,47/01;18,31,32,35, 37/02
12364	33	20*,22,28/02	13307	17	1*,15/02	14772	17	1*,15/02	14942	25	35/02

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**NM 38/01 THROUGH NM 42/02**

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14961	11	39/01	16707	10	1*,34,37/02	18009	2	N34/02	18531	20	7*,11,26,31,34/02
14962	19	47/01	16708	25	52/01*,37/02	18010	20	42,46,47,48/01;6,33,34, 37,38,39,40/02	18532	20	7/02*
14965	20	43/01	16709	22	15/02*	18020	36	1,6,8,20,34,37/02	18541	8	21/02*
14967	22	10/02	16711	2	15/02*	18022	33	13*,23,34,37/02	18558	37	19*,39/02
14970	25	6,40/02	16713	2	13/02*	18040	42	38,39,40/01;4,6,10,11, 15/02	18561	11	42,43,45,52/01;10,33, 39/02
14972	25	41,45/01;21/02	16741	9	47/01	18041	12	5/02	18580	21	49/01*;10,26,33,38,
14974	24	40/01;32/02	16760	10	43/01	18042	22	4/02	18581	16	38,42,43,45,49,52/01;4, 33,39,42/02
14975	32	43/01;21,24/02	16762	9	26/02*	18043	21	4/02	18583	38	42,43/01;4,7,31,33,42/02
14984	9	18/02*	17003	4	8,9/02	18045	12	47,48/01	18584	47	45*,48/01;7,30,39/02
14999	14	41/01**	17005	10	38/01;8,9,11,41/02	18046	5	44,47,48/01;5/02	18587	68	46/01*;7,11,14,25,30,33, 39,42/02
15562	N41/02		17008	12	8,13/02	18047	5	47,48/01;4,8/02	18588	36	42,43,48/01;32,33/02
15744	N30/02		17300	29	1/02*	18048	4	47,48/01;4,8/02	18600	14	15*,33,37,38,40/02
15880	N41/02		17302	18	21/02*	18049	8	44,47/01;11/02	18601	13	6/02
15926	N9/02		17303	9	15,37/02	18050	11	43/01	18602	11	43,49/01;26,32,33/02
16003	16	18/02*	17316	20	28/02*	18051	1	N42/01	18603	15	37,40/02
16004	11	52/01;9/02	17320	15	15/02	18052	10	43,45/01	18620	23	35/02*
16005	9	52/01	17323	10	49/01	18053	15	43/01	18622	52	49/01;26,28/02
16006	33	40,47/01	17324	13	49/01	18054	9	43,45/01;8/02	18623	11	42*,47/01;34/02
16011	35	5,38/02	17326	13	49/01	18055	10	43/02	18626	15	37/02
16012	21	45/01;38/02	17327	20	49/01;1/02	18056	32	39,40,43,47/01;4,5,6,7,8, 9,15,17,26,32,39/02	18640	24	13,15,24/02
16013	28	44/01;17,22,29/02	17330	7	15/02	18057	16	24/02	18643	16	24/02
16016	19	43/01	17331	7	46/01	18058	24	41/01;15,19/02	18645	24	41/01;15,19/02
16041	8	13/02*	17360	32	47/01*	18059	6	10/02	18649	62	42*,43,45,52/01;3,8,11, 12,15,19,20,23,33,36,38, 41/02
16042	7	39/02*	17372	10	2/02	18060	13	6/02	18650	51	28*,33,38,41/02
16043	7	52/01	17375	20	45/01	18061	14	15*,33,37,38,40/02	18651	41	12/02
16044	7	52/01	17379	1	15*,20/02	18062	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41/02			
16045	7	52/01	17381	10	13/02*	18063	15	37,40/02			
16046	6	52/01	17383	1	31/02*	18064	23	35/02*			
16061	8	19/*,27,37/02	17384	7	50/01	18065	9	43,45,46/01;3,8,11,15,19, 36,38,41/02			
16062	7	52/01	17400	16	47/01;14,15,36/02	18066	42	28*,38/02			
16063	7	52/01	17403	13	52/01*	18067	58	10*,19/02			
16064	6	52/01	17409	10	39/02*	18068	52	38,39,41,42/01;1,19,23, 26,27,30/02			
16065	6	52/01	17412	2	12/02	18069	14	39/01;15,26/02			
16066	6	52/01	17413	2	42/01;13,14/02	18070	1	44/01;23,27/02			
16067	7	52/01	17414	3	41/02	18071	12	37/02			
16081	6	52/01	17416	3	13/02	18072	31	45,47/01;1,8,23,35/02			
16082	6	52/01	17420	26	47/01*,14,36,37,42/02	18073	11	8,35/02			
16101	6	1/02*	17421	1	14/02	18074	2	47/01;15/02			
16206	7	45/01,2/02	17425	6	18/02*	18075	23	26,27,30/02			
16220	5	6/02	17426	13	37/02	18076	20	39/01;30/02			
16322	7	46/01	17427	7	11,12,14,16/02	18077	4	44/01;23,27/02			
16338	3	43/01	17429	2	N38/02*	18078	1	9*,26/02			
16363	12	38/02*	17430	10	50/01	18079	30	47/01;15/02			
16380	13	48/01;13,17/02	17434	11	11/02	18080	31	47/01;25/02			
16382	10	48/01;13,17/02	17437	8	14,16/02	18081	21	8,34,36,37/02			
16435	5	27/02	17438	12	42/01;10,12,14,16/02	18082	24	13*,36,37/02			
16440	13	37/02	17443	12	8,10/02	18083	12	37/02			
16441	7	37/02	17444	4	10,12/02	18084	31	45,47/01;1,8,23,35/02			
16442	6	3,37/02	17445	2	42/01;12,16/02	18085	11	8,35/02			
16460	15	45/01	17460	N12/02	18086	3	8/02				
16471	11	45/01	17471	N15/02	18087	3	8/02				
16475	9	45/01	17480	4	8,15/02	18088	26	41,45,47/01;4,8,23,35/02			
16480	10	38/02	17485	4	16/02	18089	39	42*,51/01;1,8,16,20,23, 34,37/02			
16521	5	27/02	17489	19	8/02	18090	18	N41,N51/01;N1,N25/02			
16531	7	18/02*	17491	3	8/02	18091	30	37/02			
16566	10	17/02	17495	2	8/02	18092	34	7*,20,23,34/02			
16568	12	39/02*	17503	4	11/02	18093	38	7*,10,16,18,20,23,25,27, 40/02			
16575	1	39/02	17506	N8/02	18094	6	10,49/01;4,6,8,12,22/02				
16576	3	42/02	17513	N42,N46/01;N8,N11, N42/02	18095	10	41,42,48,50/01;15,17, 33/02				
16580	11	42/01*,39/02	17515	7	42,46,47/01;8,11,12/02	18096	4	18*,26,31,33/02			
16590	10	38/02*	17517	8	42,44,46,47,48/01;4/02	18097	14	38,40,42,49/01;1,6,7,17, 22,32,39/02			
16596	12	39/02*	17518	7	38,42,43,44,45,47,48/01; 6/02	18098	5	N38,N40,N42/01;N1,N7, N17,N22,N32,N39/02			
16597	8	47/01;16/02	17519	13	47,48/01;4/02	18099	10	15,28,40/02			
16599	6	47/01;16/02	17520	2	N42,N46,N47/01;N4/02	18100	22	9,32/02			
16603	7	42/02	17521	N8/02	18101	34	38,40,41*,26/02				
16604	11	22,42/02	17525	N8/02	18102	17	38/01				
16606	11	37/02*	17528	N8/02	18103	17	17,22,32,39/02				
16640	24	47*,48/01	17541	3	8/02	18104	5	46/01*,4,12/02			
16645	18	13/02*	17543	17	9,11,13,41/02	18105	28	28*,40/02			
16646	12	5/02*	17546	22	9,13,42/02	18106	14	52/01;15,28,40/02			
16647	3	43,48/01	17548	28	43,45/01	18107	14	28*,32,33,39/02			
16660	28	46/01*,7,13,22,25,29, 42/02	17549	6	43/01;13/02	18108	84	30*,32,39,42/02			
16661	6	40/01*	17550	4	15,42/02	18109	64	47,48/01;18/02			
16662	6	41/01*,3,22,29/02	18000	8	1,8/02	18110	24	42/01;10,33,39/02			
16663	6	43/01;3,7,13,22,25,29, 42/02	18002	6	N1,N8/02	18111	69	34*,39/02			
16665	7	43/01;7,13,22,25,29, 42/02	18003	18	41,48/01;10,26,33,38,39, 40/02	18112	53	49/01*,3,7,10,12,15,25, 26,33/02			
16680	10	47/01;6/02	18005	4	N6,N8,N20,N34/02	18113	33	18*,26,28,31,33/02			
16681	10	37/02*	18007	31	42,46,47/01;6,10,14,20, 26,33,34,37,38,39,40/02	18114	39	39,45/01;4,7,11,14,15,28, 31,33/02			
16682	14	47/01;6/02	18008	7	N42,N46,N47/01;N6, N10,N14,N20,N26,N33, N34,N37,N38,N39, N40/02	18115	55	48/01;4,7,11,15,16,28,31, 33/02			
16700	27	21/02*				18116	21	42/01;16,31/02			
16701	18	21/02*				18117	9	44,48/01;31/02			
16702	10	8,38/02				18118	4	42/01			
16704	13	52/01*				18119	36	46/01*,23,25,35,37/02			
16705	19	5/02*				18120	16	41/01			

**SECTION I****CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 42/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
19009	4	42/01	22173	35	45,52/01;8,17,30,39/02	24058	2	31,32,37,38/02	24501	3	52/01;14,17,27/02
19010	16	42/01;23,25,37/02	22180	2	30,34/02	24060	2	51/01;34/02	24504	7	38,52/01;17,41/02
19013	16	44/01;25/02	22181	16	17,27,39,41/02	24080	5	29/02	24508	2	38,52/01;18,19,41/02
19320	16	23,27,35,37/02	22182	6	7,8,30,34/02	24091	6	43/01;26/02	24509	2	52/01;17/02
19324	22	27,35/02	22183	3	39/01;20/02	24092	14	26/02	24510	2	38,52/01;17,18,19,41/02
19327	10	23/02	22190	2	30/02	24100	5	27,29/02	24512	3	38/01;25,29/02
19330	9	6/02*	22205	2	14,16/02	24101	3	37,41/02	24517	2	18,19/02
19339	1	N25,N35/02	22221	20	42,45/01;20/02	24102	3	37,41/02	25001	7	42/01*;9,12,17,19/02
19340	26	25,35/02	22222	1	45/01	24110	3	27,29/02	25017	5	41/01;9,12/02
19341	9	7/02*	22250	2	42/02	24120	9	47/01	25018	9	N42*,46/01;9,12/02
19347	17	25/02	22259	4	40/01;20/02	24121	10	47/01	25400	1	23,26,35/02
19350	11	27/02	22262	3	46/01	24130	14	40,47,48/01;24,29/02	25480	1	47/01;20,42/02
19351	9	25/02	22263	1	45/01	24131	8	48/01	25481	25	47/01;4,26/02
19357	22	42/02*	22264	2	40,45/01;20,42/02	24132	13	10/02	25482	16	47/01
19358	20	28/02*	22275	3	40,45/01;20,42/02	24140	18	46/01;4,32/02	25483	20	52/01
19360	1	N37/02	22282	17	19/02	24149	1	32/02	25484	23	11/02*
19366	36	13*,31/02	22283	3	N19/02	24150	27	40,46/01;6,27,29,30, 32/02	25485	45	23,26/02
19367	37	22,31/02	22290	4	40,45/01;20/02	24151	4	29,32/02	25524	43	49,51/01;11,33/02
19369	5	22,31/02	22293	15	40,45/01;20/02	24152	2	30/02	25526	2	49,51/01;11,19,33/02
19379	1	N44/01;N25/02	22331	2	N39/01	24153	6	10,30/02	25527	31	51/01;11,33/02
19380	14	44/01;25/02	22341	9	11,19/02	24154	12	10/02	25528	5	21,42/02
19381	8	25/02	22342	9	19/02	24156	2	22/02	25550	2	17,19,24/02
19385	7	20/02*	22343	1	N45/01;N1,N19/02	24159	1	27/02	25563	50	17,33/02
19387	9	N25/02	22344	5	N42/02	24160	21	40,43/01;6,27,28/02	25565	7	33/02
21008	62	39,42/02	22345	11	42/02	24161	11	48,49/01;11,27,42/02	25566	27	17/02
21014	72	38,45/01;42/02	22347	5	N19/02	24162	9	39,48/01;1,4,11,22,27, 42/02	25567	16	19/02
21017	50	23,41/02	22351	1	N45/01	24200	14	10/02	25570	3	52/01;19,31/02
21020	42	23,41/02	22352	6	39/01	24202	3	27/02	25575	4	52/01;4,31/02
21023	41	38/01;5,34/02	22361	2	N7/02	24204	6	10,27/02	25600	47	38/01;24/02
21026	47	38/01;5,13/02	22371	5	46/01;7/02	24217	19	43/01	25601	34	10,17,19,20/02
21033	46	52/01;14,20,32/02	22375		N19/02	24218	15	48/01	25607	4	24,39/02
21141	23	38/01	22379	1	N46/01	24220	14	6/02	25608	21	10,17/02
21182	34	1,39/02	22381		N19/02	24221	7	24/02	25609	5	46/01;30/02
21301	13	1/02	22395	2	4,19,42/02	24222	14	27,28/02	25611	22	46/01
21342	28	41/02	22406	1	N1/02	24223	33	18/02	25613	2	5,14,30/02
21384	3	23/02	22407	1	N1/02	24230	20	48/01;10,18,30/02	25640	40	28/02*
21401	20	40/01	22409	4	N45/01	24233	15	36/02	25641	26	5*,30/02
21441	27	47/01;1,34/02	22410	32	4,7,11/02	24234	3	30/02	25644	12	38/01;42/02
21483	1	51/01	22411	1	N46/01**	24240	5	40,47,51/01;30,39/02	25645	17	15/02*
21489	1	13/02	22412	2	7/02	24250	5	40,47,51/01;30,39/02	25646	7	N38/01;N42/02
21500	1	5/02	22418	2	46/01;24,36/02	24251	23	40,47,51/01;24,34/02	25649	18	41,45/01;18,30,35/02
21510	1	13/02	22420	2	46/01	24252	5	40,47,51/01;30,39/02	25650	33	22*,30/02
21520	1	5/02	22421	4	N4,N7,N11/02	24260	5	34/02	25663	27	19,02*
21521	14	5/02	22425	2	39/01;7,11/02	24270	3	24,27/02	25668	18	15*,16/02
21529	1	14/02	22427	1	N4/02	24290	3	44,46/01;36/02	25670	41	26,38/02
21540	36	5/02	22429		N45,N46/01;N24/02	24291	4	36/02	25673	15	28,42/02
21601	4	14/02	22430	6	44/01	24292	4	44/01;36/02	25677	19	4,21/02
21602	1	28/02	22433	3	41/01;39/02	24293	6	6,32,36/02	25681	15	41/01;4/02
21605	7	19/02	22436	2	39/02	24294	22	6,36/02	25683	17	45/01;30/02
22004	38	39,52/01;18,20,23,30,32, 34,36,39,41/02	22471	31	38/01;18/02	24311	4	27/02	25687	11	12,15,35/02
22008	35	38,45,52/01;1,4,13,18,30, 34,36,39,41/02	23000	5	48/01;18/02	24312	4	27/02	25689	9	39/01*
22012	31	4,14,16,30,34/02	23010	4	27,38/02	24319	1	46/01	25700	3	8,12/02
22032	20	46/01	23023	4	27/02	24320	4	46/01;27,28,34/02	25710	2	8,12/02
22036	28	18/02	23030	6	40,42,51/01;27,38/02	24322	6	28,34/02	25720	3	8,12,33/02
22050	4	19/02	23051	9	47/01	24350	2	31/02	25723	40	8/02
22051	18	28/02	23102	6	50/01	24370	1	34/02	25724	3	8/02
22052	6	28/02	23115	3	27/02	24375	2	34/02	25800	3	24,36/02
22080	3	52/01;20,32/02	23121	7	48/01;30/02	24376	1	52/01	25803	16	12/02
22082	4	4,17,19/02	23122	8	23,30,33/02	24380	2	35/02	25841	9	8,10,24,36/02
22083	5	19/02	23123	3	30/02	24388	2	35/02	25842	10	8/02
22084	4	42/02	23124	3	N48/01;N30/02	24404	8	14,21,26,35/02	25845	9	8/02
22090	2	38/01;30,32/02	23125	4	30/02	24405	10	14,26,35,36/02	25848	25	8/02
22100	3	52/01;20,32/02	23126	6	N24/02*	24406	30	20,26/02	25849	13	8,42/02
22101	19	52/01;16,20,32/02	23127	4	N24/02*	24408	21	4,14,36/02	26001	4	38/01
22111	4	32/02	23129	2	N24/02*	24410	2	21/02	26050	1	47/01;13,34/02
22112	3	38/01;23,25,30,32/02	23131	7	50/01;26,31/02	24423	2	6,8/02	26070	2	46/01
22113	8	23,25,30/02	23141	7	34/02	24430	5	39/02	26083	14	29/02
22114	5	16,32,42/02	23142	10	51/01	24431	14	39/02	26122	29	46/01
22120	3	46/01*;8,18,23,30,34,36, 39,41/02	23145	3	40,42/01	24434	4	39/02	26125	3	47/01
22121	9	39,43/01;1,6,8,17,23,30, 34,36/02	23150	10	48/01;1,20,37/02	24444	2	6/02	26127	21	47/01;5/02
22122	2	46,52/01;17,34/02	23152	3	37/02	24450	3	6/02	26128	50	5/02
22124	2	40/01;18,36/02	23153	8	52/01;20,31/02	24452	7	16,26/02	26129	11	4,26/02
22125	1	40/01;18,36/02	24000	39	51/01;27,29/02	24460	4	15,17,39/02	26130	20	47/01
22126	1	36/02	24004	36	40,46/01;5,7,29,30/02	24462	5	15/02	26140	2	8/02
22130	2	1/02	24008	42	40/01;7/02	24463	6	24,39/02	26142	10	8,24,33/02
22138	2	52/01;8,18,41/02	24016	53	48,51/01;30,39/02	24465	6	15,23,33/02	26143	10	8/02
22140	2	52/01;1,4,30,34,36/02	24020	47	46/01;27/02	24470	4	28,39/02	26147	31	8,10,13/02
22142	2	38,52/01;1,39,41/02	24028	6	42/01*;23/02	24471	8	28/02	26148	4	8,13/02
22143	3	39,52/01;6,8,17,41/02	24050	11	38,42,51/01;27,31,34, 38/02	24480	1	38/01;14,17,25,27,41/02	26150	1	47/01
22145	2	N41/02	24052	15	48,50/01;31,37,38/02	24482	2	24/02	26210	2	24,36/02
22160	2	4,30,34,39,41/02	24053	16	48,50/01;24/02	24484	3	24/02	26220	6	47/01
22170	3	13*,30,39/02	24055	6	37/02	24490	3	52/01;24,31/02	26229	11	17/02
22172	7	41/01;8,10,17,27,30, 39/02	24057	4	31,38/02	24491	3	31/02	26230	12	43/01;17/02
			24057	4	31,38/02	24492	20	31/02	26240	7	23/02
									26245	16	43/01

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 42/02**

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
26259	2	44/01	35141	11	34/02	37080	3	49/01;14,17,24,27,30,33,	37326	2	11,12,34/02
26260	5	12,24/02	35143	7	34/02			34,38,40,42/02	37328	2	12,18,42/02
26280	7	8,23/02	35155	3	11/02	37081	23	18,20,21,28,38/02	37330	2	22,24,26,30,32,34,38,40/02
26282	6	8/02	35159	3	25/02	37082	9	13,28/02	37342	3	17,32/02
26284	3	8/02	35163	7	25/02	37083	8	20,22/02	37343	10	11/02
26290	1	8/02	35166	4	35/02	37084	9	49/01;20,22,38,40/02	37344	11	17,32,34/02
26303	4	13/02**	35167	3	35/02	37085	8	38,40/02	37360	15	15,17,27,28,30,32,34/02
26305	4	13/02**	35169	2	35/02	37086	8	38/02	37362	6	48/01;12,17,31/02
26306	14	8/02	35180	6	38/01	37087	7	38,40/02	37363	8	11/02
26308	4	8,15/02	35210	3	40/01;29/02	37089	12	21,28/02	37367	1	38/02
26309	26	8,17/02	35230	3	40/01;29/02	37090	8	48,49/01;7,14,27,32/02	37380	2	12,15,17,34,40,42/02
26320	5	42,43,50/01;5,8,12,15,24, 27,28,29,35/02	35236	2	7,38/02	37095	3	43/01;13,14,15,17,18,24, 28,32/02	37400	10	9,15,28,34,38,40,41/02
26327	2	N41/02*	35270	2	38/02	37101	9	6,15,18,27/02	37401	9	48/01;9,28,32/02
26328	2	15/02	35277	3	38/02	37103	9	12,13,15,27,29/02	37402	7	48/01;28,32,41,42/02
26342	19	1/02	35279	3	38/02	37104	3	12,13,41/02	37403	23	43,49/01;12,24/02
26344	10	1/02	35295	3	27/02	37106	4	12,13/02	37420	1	43/01;9,12,34/02
26345	6	1/02	35298	7	27/02	37110	11	6,12,13,15,17,18,19,24, 27,28,29/02	37421	8	43/01
27005	4	39/01;5,8,9,12/02	35299	9	8,12/02	37115	2	6,12,13,15,17,18,19,27, 28,29,33/02	37441	4	43/01;9,12,15/02
27080	4	46/01*;1,5,20/02	35300	17	12/02	37120	2	48,49/01;1,12,13,15,19, 24,27,29,39,42/02	37443	2	9,12/02
27082	6	38/01;9,18/02	35301	6	48/01;12/02	37122	12	40/01	37445	1	12/02
27083	39	52/01	35303	7	40/02	37125	15	15,19,24,42/02	37461	9	44/01
27100	2	31/02	35308	5	8,12/02	37126	8	15,41/02	37463	6	41,44/01
27120	4	40,44,47/01;41/02	35310	2	12,22/02	37127	6	39,42/02	38030	1	9,10,20,21/02
27142	5	43/01	35330	2	4,12,22,38,41/02	37128	12	40/01	38040	5	12/02
27163	21	9/02	35350	2	7,38,41/02	37129	9	19/02	38041	1	12/02
27183	8	5/02	35359	2	12/02	37130	33	38,48,49/01;1,15,17,19, 21,22,24,27,29,31,35/02	38044	N12/02	
27186	8	5/02	35400	11	8,12,30/02	37131	11	12,13,15,24,27,29,31/02	38100	4	12/02
28004	1	47/01;5,20,23/02	35402	3	50/01;38/02	37132	6	39,42/02	38103	N12/02	
28050	3	13,28,34/02	35405	2	50/01;8/02	37134	5	38/02	38105	N12/02	
28051	2	38/01	35420	13	12,24,30/02	37136	6	38/02	38460	7	18/02
28110	2	15/02*	35421	14	31/02	37139	8	18,23/02	38463	2	N18/02
28120	1	46/01	35423	6	31/02	37140	33	38,48,49/01;1,15,17,19, 21,22,24,27,29,31,35/02	38480	6	38/01;18/02
28130	1	46/01	35424	3	30/02	37141	29	38,48/01;20,21,23,36, 40/02	38580	8	12/02
28162	29	44,47/01;28/02	36005	2	6,7,12,13,14,15,17,24,27, 28,34,36,38/02	37147	15	38,48/01;13,21,35,36, 40/02	38603	2	4,17,21/02
28164	17	47/01;28/02	36010	27	1,8,12,16,19,20,22,24, 38/02	37148	13	48/01;17,21,35,38/02	38610	1	20/02
28165	19	47/01	36015	2	13,17,24,27,36/02	37150	8	38,48/01;13,16,21,22, 31/02	38670	2	9/02
28170	1	38/01;4/02	36040	16	12,19,30/02	37161	14	38,48/01;13,18,21,22,31, 34/02	38683	3	9/02
28196	4	44/01;41/02	36046	5	38/02	37162	12	11,12,15,16,17,18,26/02	38690	2	10/02
28197	4	44/01	36060	17	8,12,16,19,31,38/02	37163	19	11,13/02	41060	3	34/02
28202	22	41/02	36062	11	40/02*	37164	4	15/02	42620	5	12/02
28210	2	33,35,39,41/02	36081	16	12/02	37165	2	47,48,49/01;1,5,8,9,15, 17,18,20,21,34,36/02	42740	5	2,12,34,41/02
28220	2	35,39/02	36106	7	40/01;18/02	37166	2	38/01;8,11,12,15,16,17, 18,26/02	42742	3	2/02
28221	18	33,37,39/02	36117	6	18/02	37167	15	39,40/01;18/02	42760	5	2,12/02
28223	4	38,42/01;35,39/02	36120	9	16,19,20,22,31/02	37168	20	48/01;21,38/02	42762	3	N12/02
28260	30	40/01;35,37/02	36122	12	16,19,21/02	37170	11	48/01;38/02	43030	24	39,40,47,48,49/01;1,11, 25,28/02
28261	10	43/01	36123	25	16,19,21/02	37171	11	17,18,20,21,34,36/02	43040	6	2/02
28263	3	35,37/02	36127	5	48/01	37172	2	38/01;8,11,12,15,16,17, 18,26/02	43079	2	41/02
28264	3	35,37/02	36137	4	38/02	37173	9	48/01;38/01	43082	5	41/02
28265	3	37/02	36138	3	39/02	37174	14	48/01;35/02	43140	4	17,41/02
28281	32	40/01;36/02	36140	12	13,21,22,24,36,41/02	37175	14	48/01;35/02	43144	4	17/02
28282	2	35/02	36142	6	24/02	37176	2	38/01;8,11,12,15,16,17, 18,26/02	43145	4	17/02
28300	1	47/01;23,39/02	36143	4	18,34/02	37178	9	48/01;38/01	43150	2	N17/02
28302	16	51/01;31,33,39,40/02	36161	10	47/01;13,20,24,34/02	37200	15	39,40/01;18/02	43160	6	17/02
28310	2	23,31,33,35,39/02	36162	10	47/01;13,20,35/02	37202	2	13,18/02	43161	2	17,41/02
28320	6	47/01;33/02	36163	13	47/01;20,31,34,35,38/02	37205	2	39/01;39/02	43164	3	17/02
28321	36	29/02	36164	7	34,38/02	37221	13	47,48,49/01;1,5,8,9,11, 12,15,16,17,18,20,21,24, 25,27,28,34,36/02	43220	3	43/01
28323	2	47/01;27,29/02	36165	6	1,17,18,20,22,24,28, 36/02	37222	13	15,27,28/02	43225	4	17/02
28325	2	47/01;27,29/02	36167	2	1,24,40/02	37223	14	26,42/02	43281	6	20/02*
29015	5	2,22/02	36173	1	40/02	37224	11	47/01;15/02	43284	4	16/02
29040	3	52/01	36180	23	13,17,20,21,22,36,40/02	37226	17	48,49/01;5,9,11,15,16,17, 19,20,21,25,28,30,39/02	43285	5	15,16/02
29104	4	47/01	36181	18	17,20,21,22,36,40/02	37228	14	38/01;5,8,13,21,24,27/02	43300	5	15/02
29121	5	32/02	36182	6	13,20,36,40/02	37229	15	15,16,17/02	43301	4	15/02
29122	5	32/02	36183	16	13,17,21,31/02	37230	2	13,18/02	43321	6	30,41/02
35000	26	11,13,23,24/02	37000	22	11,23,28/02	37230	14	47/01;16,18,24,25,39/02	43323	4	30/02
35008	21	43/01	37005	16	17,18,23,41/02	37231	18	38,48,49/01;9,12,15,20,	43324	4	30/02
35009	19	15,40,41/02	37010	23	38,48,49/01;15,16,17,18,	37232	12	15,25,28,30/02	43341	7	41/02
35011	2	11/02	37025	26	38/02	37234	13	38,47,49/01;9,12,15,	43360	21	39,47/01;17,28/02
35016	17	12,29/02	37032	2	9,12/02	37235	20/02		43371	13	22/02
35031	3	12,22/02	37034	2	43/01	37241	17	13,16,17,18,26/02	43372	4	22/02
35032	16	12/02	37041	15	17,20,27/02	37242	10	13,15,20/02	43374	1	22/02
35036	21	1,13,17,19,24,30,36/02	37042	5	17,41/02	37244	11	49/01;1,8,11,16,17,18, 26/02	43385	1	43/01;5,27/02
35040	18	50/01;21/02	37043	17	13,17,20/02	37246	14	13,15/02	44000	16	39/01
35041	8	21,35/02	37044	16	14/02	37248	18	12,39/02	44001	2	38,39,43/01
35042	9	21,27/02	37046	18	21,31/02	37250	4	15/02	44015	8	38,39,43/01;28,31/02
35044	9	48/01;38/02	37047	6	14/02	37252	10	15,28/02	44030	7	20/02
35047	5	13,35/02	37050	9	43/01;18,26,42/02	37254	3	15/02	44036	5	28/02
35060	14	18,22,40,41/02	37060	3	13,17,21,31/02	37261	15	20,22/02	44037	5	40/01
35080	16	18,22,40/02	37061	15	36,38/02	37264	3	30/02	44038	5	18/02
35086	5	31/02	37063	21	7,16,21,28,36/02	37265	3	18,24/02	44040	23	38,40/01;28,02
35099	3	41/02	37064	8	17/02*	37268	15	30/02	44041	7	43/01
35100	14	40/02	37065	7							



## SECTION I

NM 42/02

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 42/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
55048	12	41,42/01;6,23,27,32,36, 37,39,41/02	61171	10	13/02	62271	5	37,41/02	62580	3	40,45/01;2,4,14,23,26,32, 33/02
55049	6	45,49/01;22,27,30,41/02	61172	6	13/02	62285	2	42/01;26/02	62590	2	40/01;4,9,12,16,28,29,36, 40/02
55060	7	19,20,36,37/02	61180	4	20,27/02	62288	2	49/01	62591	3	N40/01;N4,N9,N12,N16, N28,N29,N36/02
55064	3	41/01;4,23,37/02	61182	2	13/02	62290	3	38,40,42,48,49,51/01;2, 11,26,37,41/02	63000	13	40,42,44,49/01;5,12,27, 28/02
55084	7	39/02	61190	4	39,41/02	62292	2	42/01;24/02	63005	18	38,40,41,42,44/01;4,15, 25,31/02
55085	9	13/02	61200	7	17,21/02	62295	3	42,51/01;2/02	63010	14	41/01;26,29,31/02
55100	8	41/01;29,36,37/02	61210	6	17/02	62302	2	44/01	63015	11	41,43/01;31,38,40/02
55101	4	48/01	61220	5	17/02	62310	2	6,27/02	63020	15	44/01;27,31/02
55102	3	48/01;24/02	61240	7	18/02	62313	4	17*,27/02	63040	2	12/02*
55103	2	42,48/01;9,12,24,29/02	61250	4	18/02	62330	2	14,38,40/02	63050	2	40,41/01;5,12,17/02
55104	2	9/02	61310	2	33/02	62340	3	46/01;38/02	63053	4	12*,14/02
55105	7	48/01;6,9,12,18,29,36,41, 42/02	61311	5	17,33/02	62343	3	51/01	63054	3	19*,31/02
55110	2	41/01;4,7,23,24,29,37/02	61312	3	17,33/02	62355	6	51/01	63055	2	51/01*,5,14,29/02
55120	2	48/01;36/02	61400	2	27/02	62360	5	18,38/02	63060	7	41,48/01;5,12,25,28, 32/02
55128	2	4,5,6,9,26,33,36,38/02	61410	2	14/02	62361	2	N18,N38/02	63062	7	41,44,47,48,49/01;5,18, 28,29/02
55129	7	6,9,33,36,37/02	61420	2	14/02	62366	3	38,40/02	63063	9	40,41,49/01;5,27,29/02
55130	2	13,27/02	61430	2	14/02	62387	2	40/01	63065	6	18/02
55131	1	27,36/02	61433	1	14/02	62388	2	40/01	63070	3	40/01;20,27,28,29/02
55138	4	46/01	61434	2	14/02	62391	4	40/01	63080	5	42,48,49/01;1,26,27,28, 31/02
55139	5	41/02	61440	2	15/02	62392	7	14*,18/02	63090	8	41,42,44,46/01;25,31/02
55150	2	49/01;4,6,7,24,28,29, 37/02	61450	2	46/01;14,17,27/02	62393	7	34,37/02	63091	4	41,42,44,48,51/01;26,27, 32,39/02
55160	2	6,18,24,28,29,42/02	61470	2	15/02	62394	10	34,37/02	63092	4	41,51/01
55161	1	7,29/02	61472	1	15,20/02	62395	2	34/02	63100	2	40/01;4,15/02
55170	2	41,44,48/01;9,12,18,29, 31,36,41/02	61500	2	17/02	62400	17	39,41,42,47,49/01;23,24, 33/02	63101	15	40,41,42,44,46/01;14,17, 19/02
55175	1	49/01;24,28/02	61510	2	15/02	62401	9	11/02	63102	19	40,41,45,46,52/01;14,17, 19,26/02
55180	2	9,33/02	61522	1	15/02	62402	9	2,5,6,15,17,20/02	63103	17	40,41,43,45,52/01;14,17, 26,29/02
55200	2	12,27/02	61530	2	38/01	62403	5	41,49/01	63110	4	38/01;40/02
56031	1	41,42/01;1/02	61538	1	38/01;15/02	62406	2	38/01;8,24,33/02	63111	9	38,43,51/01;17,25/02
56041	4	40/01	61540	2	38/01;15,20/02	62408	7	11,15/02	63120	2	41,47/01
56042	6	40,41/01;22/02	61541	8	4/02	62409	6	2/02	63121	5	41,47/01
56043	6	22/02	61542	6	4/02	62413	11	33/02	63150	1	14,15,25,31/02
56044	3	38,43/01;22,38/02	61550	2	17/02	62419	6	33/02	63200	5	41,43/01
56048	2	40,41/01	61560	2	15/02	62420	5	51/01;33,37,39/02	63201	9	43,48/01;40/02
56060	8	42/01;33/02	61581	5	14,18/02	62429	9	39,45/01;17,27,39/02	63205	2	41,43/01
56063	1	2,14,21/02	61582	4	14,18/02	62431	8	26*,27,37/02	63220	5	46/01*/26/02
56064	6	41/01;14,38/02	61591	4	8/02	62432	15	40/01;4,25,31,34/02	63230	6	17/02*
56065	3	40,41,42/01;33,38/02	61592	4	8/02	62433	12	15,30,31,34/02	63231	8	31/02
56067	2	40/01;33,38/02	61610	7	28,29/02	62434	9	12*,40/02	63233	15	31/02
56081	19	40/01;41/02	61611	11	28/02	62437	9	32/02	63235	6	14,15,25,31/02
56082	16	40/01	61612	4	28/02	62440	7	41/01;5,15,17,20/02	63250	6	14*,29,40/02
56083	2	7,31/02	62000	20	44/01;18/02	62441	10	16,36/02	63252	1	48/01
56100	13	42,47/01;P1,41/02	62001	4	40,48,51,52/01;2,36/02	62442	6	45/01	63260	5	41,43/01
56101	6	42/01;33/02	62024	13	46/01;13,14,38,40/02	62444	3	47/01	63270	7	42,43/01
56103	6	18,30/02	62028	15	40,46/01;5,8,12,18/02	62448	2	45/01;2,23/02	63271	8	41,42,49/01;19/02
56104	2	42,47/01;P1,41/02	62032	15	38,40,41,43,45,51/01;13, 16,18,23,29,32,33/02	62451	7	45/01;2,21,23/02	63280	3	52/01
56120	12	42,44,48/01;1/02	62033	2	N38,N40,N41,N43,N45, N51/01;N13,N16,N18, N23,N29,N32,N33/02	62453	3	25,33/02	63290	7	38,43,47,52/01;19,31,32, 38/02
56141	6	45/01	62040	5	13/02	62455	7	39,45,51/01;17,27,39/02	63291	9	38,43,47,48/01;19,33/02
56161	2	N42/01	62046	2	13,39/02	62456	1	39/01;27/02	63292	8	38,40,42,44,45,51/01;
56190	3	42/01	62050	6	18/02	62457	5	51,52/01;5,6,17,20,21,24, 36/02	63293	30/02	30/02
56191	2	42/01;18/02	62055	2	2,13,61,40/02	62460	4	6,24,31,33/02	63321	6	38,40,42,44,45,51/01;
56195	3	22/02*	62056	5	46/01*	62462	1	41,49/01;1/02	63280	3	42/02
56220	4	42/01	62080	5	40/01	62463	1	41,49/01;1/02	63290	7	38,43,47,52/01;19,31,32, 38/02
57029	9	40/01	62090	7	40/01;2/02	62464	2	15*,31/02	63291	9	38,43,47,48/01;19,33/02
57035	10	46/01	62092	7	2,41/02	62480	1	38,41,43/01;13,15,18,23, 30,31,33,37/02	63292	8	38,40,42,44,45,51/01;
57063	5	40,41/02	62093	7	2,16,41/02	62490	1	40,43,45,51,52/01;2,4,12, 16,18,25,29,31,32,33/02	63321	6	42/02
57064	3	41/02	62095	2	2,13,61,40/02	62498	4	12*,23,25,27,31/02	63322	2	45,49/01;30/02
57101	18	41/02	62097	5	46/01*	62499	4	15*,25,27,31/02	63324	1	6/02
57161	4	31/02	62098	6	41/01*	62510	2	6,23,31,33,34/02	63330	9	27,39/02
57380	3	40/01	62100	6	38,40,41,44/01;2,4,12/02	62512	6	N6,N23,N31,N33, N34/02	63337	15	27,31,39/02
57460	4	40/01	62110	9	51/01;2,4/02	62515	2	14,26/02	63383	5	44,48/01
57480	8	40,46/01	62120	6	46/01;11/02	62520	5	38,41/01;5,6,7,13,15,17, 20,30,31,37/02	63400	1	39/02
57482	12	40/01	62121	9	11/02	62530	5	43,51/01;7,31,33/02	63410	6	43/01;39/02
57484	19	46/01	62130	2	46/01	62531	3	N43,N51/01;N7,N31, N33/02	71005	1	43,46,48,49,50/01;7,9, 34/02
61000	20	46,51/01	62140	1	34,40/02	62540	6	17*,18,21,23,25,26,29, 31,32,34,40/02	71006	5	8,39/02
61015	8	17/02	62142	10	24,28/02	62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40/02	71009	3	50/01;9,39/02
61018	4	45/01;18,24/02	62143	3	43,48/01;24,28/02	62550	2	41/01;7,13,30/02	71012	3	44,45,46,48/01;19,33,
61020	2	17,28/02	62144	3	43,01;24/02	62560	3	45,48/01;2,21,23,25, 29/02	71015	4	48/01
61021	3	45/01;18/02	62162	2	39,44/01	62560	4	47/01	71018	10	52/01;2,5,9,10,15,33,35, 37/02
61036	8	8,27/02	62170	2	38/02	62570	4	17*,21,23,25,26,31,32, 33,34,36,40/02	71027	9	7,15,19,20,22,24,25,34, 38/02
61040	6	51/01	62171	4	38/02				71033	31	41,46,48/01;7,15,23,37, 38/02
61050	4	51/01	62177	3	42/01						
61090	5	1/02	62188	3	52/01						
61110	3	12,28/02	62191	14	47,52/01;22,29,41/02						
61111	12	51/01;12/02	62193	17	17*,19,31/02						
61112	10	14,17/02	62194	8	17*,18,19,31,36/02						
61120	4	12,28/02	62195	6	43/01;22,36,41/02						
61130	3	12,28/02	62220	8	47/01;8/02						
61140	5	12,27/02	62222	4	44/01						
61141	6	38/02	62225	3	17*,37/02						
61142	6	38/02	62230	2	39,44,48,52/01						
61150	4	46/01;12/02	62241	10	40/01						
61160											

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 42/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
71036	8	40,41,46/01;9,11,35/02	72100	7	29/02	74192	3	5,24,26,28,35/02	75120	2	16,42/02
71040	5	44,47/01;27,34,42/02	72101	6	45/01	74200	8	1,5,14,18,21,27,28,37/02	75130	16	7,16,18,21,27,31,34, 41/02
71042	1	44/01;34/02	72103	2	29/02	74201	9	27/02	75131	7	18,20,28/02
71043	2	25/02*	72105	2	51/01;36,38/02	74202	3	14,16,21,24/02	75132	11	31/02
71044	1	44/01;27/02	72107	2	12,15,27,29/02	74204	5	1,13,14,21,24,27,37/02	75134	3	7,23,27,33/02
71058	2	23,36/02	72109	3	42/02	74205	2	16,24,25/02	75142	5	4,8,15,21,28,36,42/02
71059	1	23,36/02	72110	9	12,15/02	74206	2	8,24,34/02	75143	4	4,12,15,20,28,32,33,36, 38,42/02
71061	15	23,36/02	72130	4	45/01;13/02	74210	7	12,25/02	75144	3	20,31,33,36,42/02
71066	1	39/02	72131	3	45/01;13/02	74220	8	1,6,11,13,17,23,25,26, 35/02	75150	5	13,16/02
71071	5	45/01;15/02	72161	10	15/02	74221	2	11,13,35/02	75160	6	6,22,23,24/02
71081	3	16/02	72173	2	12,15/02	74229	2	5,6,11,17,22,23,33,37/02	75170	12	38,39/02
71140	6	45/01;33,39/02	72181	2	36/02	74230	7	11,13,28,39,42/02	75171	22	52/01;5,8,10,12,14,17,18, 22,27,31,32,33,36,38,40, 42/02
71180	29	51,52/01;2,8,10,33,37/02	72190	2	6,30/02	74231	7	39/01;1,5,6,19,23,35/02	75172	5	39/02
71182	2	51/01	72201	48,49/01;5,9/02	74232	9	2,9,15/02	75173	9	52/01;8,10,12,14,17,20, 25,31,32,33,36/02	
71183	13	32/02	72203	2	41,46,48/01;16/02	74234	1	2/02	75175	9	52/01;5,16,18,31,33,38, 40/02
71185	24	5,8,13/02	72211	6	41/01	74240	8	4,9,15,34,39,42/02	75176	9	5,7,14,17,27,42/02
71186	2	5,8,13/02	72223	8	44,45,48/01	74251	8	4,15,17,23,25,26,31,32, 34,37,42/02	75177	7	5,12,18,27,38/02
71210	18	45,46/01	72231	8	52/01;31/02	74252	9	19/02	75180	2	3/02
71211	4	45,46/01;38/02	72234	2	43,52/01	74253	6	4,11,15,17,19,23,25,27, 32/02	75185	2	22/02
71212	1	46/01;18,38/02	73000	9	52/01;26,40/02	74261	9	15,25,41/02	75190	2	11,23/02
71220	3	45,48/01	73002	4	40,41,46,51/01;4,6,8,18, 24,30/02	74265	2	4,11,15,17,19,23,25,31, 38,41/02	75191	6	3,22,25,37,38/02
71223	8	47/01;17/02	73004	4	40,41,46,52/01;4,26/02	74270	3	1,9,18,19,26,31,38/02	75193	6	22/02
71230	11	45,48/01;1,23,38/02	73006	2	26/02	74271	9	26,32/02	75207	2	36/02
71239	3	38/01;4/02	73008	8	40,41/01;8,16/02	74272	7	1,18,19,31,38,41/02	75208	2	14,26/02
71241	10	18/02	73010	3	13/02	74273	5	31,34,35/02	75213	2	36/02
71243	4	1,33/02	73012	5	9,10,42/02	74285	2	15,22,24/02	75215	2	1,36,39,40/02
71244	3	38/01	73016	4	43,46/01;15/02	74286	2	27,34,38/02	75220	12	10,14,36,39/02
71247	18	52/01;20,21/02	73018	3	13/02	74287	2	13,18,26/02	75222	8	1,18,22,35,40/02
71248	1	N18*,N20,N35/02	73020	9	3,25/02	74289	5	13,25,34,39/02	75240	4	14,36,39/02
71249	2	35/02	73022	4	13/02	74290	11	13,25,34,39/02	75241	6	34,36/02
71251	11	20,35,40/02	73024	3	39/02	74291	7	15,25,41/02	75251	5	23,33/02
71253	10	14,21,35,40,42/02	73030	4	4,20/02	74292	8	31,34,35/02	75261	6	13,17,21,23,24,33,36/02
71255	5	43/01;9/02	73032	4	47/01;4,25/02	74293	7	25,34/02	75262	6	12,38/02
71257	2	38,43/01;4,8,9,15,18,21, 23,28/02	73034	2	51/01;18/02	74294	3	25,34/02	75263	9	17,32/02
71258	2	43/01;4,9,15,18,20,21,28, 35/02	73141	5	13/02	74295	3	18,22/02	75264	17	1,16,17,19,33,34,37,41, 42/02
71259	2	38,39,46,52/01;18,20,21, 33/02	73191	3	45/01	74296	4	27,34,38/02	75265	2	13,17,20,21,24/02
71261	8	2,13,35/02	73271	7	41/01;21/02	74300	2	15,27/02	76015	1	42/01;3,4,18,23,24,29,35, 40/02
71265	2	38,49/01;1,7,18,20,21,23, 39/02	73552	4	9,25,34/02	74301	3	26,32/02	76020	7	8,18/02
71271	10	46/01;23,25,30,34/02	73570	7	34/02	74302	3	12,15,17,24,26,31,34, 35/02	76030	9	9,12,24/02
71272	10	23,30,34/02	73581	4	16/02	74303	3	15/02	76041	2	2/02
71273	2	14/02	73590	6	16,31/02	74340	3	15,27/02	76050	8	38/01;24/02
71275	3	43,48,49/01;13,123,35/02	73601	3	12,15,17,24,26,31,34, 35/02	74350	4	25/02	76052	8	44,52/01;1,8,12,15,21/02
71285	3	46/01;2,7,23,25,30,34/02	73610	4	26,31/02	74380	4	2,3,9,22,32/02	76054	5	9/02
71295	2	46/01;25,26,30,34,39, 40/02	73631	4	36/02	74391	3	15/02	76056	3	38/01
71305	2	48/01;9,14,31,34,36/02	73640	5	23,36/02	74392	7	16,22,25,39/02	76060	7	40/02
71312	5	45/01	74000	6	45/01;10,12,24,36/02	74393	9	16,12,16,18,19,25,28,31,38, 41/02	76061	3	40/02
71313	8	45,51/01	74002	2	1,13,18,19,31,34,35/02	74394	2	3,12,18,19,28,31,41/02	76070	9	38,42/01;4,9,12,23,35/02
71315	5	45/01	74006	2	26,31/02	74410	3	16,20,25,38/02	76071	9	38/01;4,23,35/02
71320	1	45/01;35/02	74007	1	36/02	74415	1	39/02	76080	8	42/01;3/02
71330	13	35/02	74008	6	9,15/02	74440	3	32,39/02	76081	7	38/01;9,12/02
71340	11	18,19,22,40/02	74009	10	3,9,20,22,25,38/02	74450	3	21,22,26/02	76083	3	40,42/01
71348	3	18,35/02	74012	10	52/01;17,20,22,26,37, 40/02	74455	3	9,19,21,23/02	76090	6	2,9/02
71350	8	15,18,20/02	74030	6	10,28/02	74460	4	21,22,26,37,40/02	76110	5	23/02
71400	5	11/02	74042	1	6/02	74465	2	9/02	76120	6	6,22,23,25/02
71401	1	40/02	74045	2	10,28/02	74485	3	16/02	76121	8	4,9/02
71402	1	18,40/02	74053	2	10,28/02	74491	4	6/02	76140	7	2/02
71410	1	41,45/01;11,39/02	74054	2	28/02	74492	7	6,16/02	76141	8	4,14,19/02
71420	1	46,47,48/01;38,39/02	74071	7	10,13,14,20,33,35,39/02	74493	3	6,16,38/02	76146	1	2,8/02
71425	1	47/01	74074	7	31/02	74494	2	52/01;41/02	76147	1	2/02
71430	2	18,41/02	74076	6	10,28/02	74494	2	28,41/02	76150	6	35/02
71440	1	7,24,34,38/02	74078	2	10,28/02	74527	2	28/02	76151	7	5,22/02
71450	1	22,25/02	74079	4	12/02	74530	2	28/02	76161	10	9,40/02
71460	1	15,20,25,41/02	74151	9	4,10,20,24,27,36/02	74535	2	31,42/02	76170	7	29/02
71465	1	20/02	74152	11	14,36/02	74545	3	28,40/02	76171	10	39/01;9/02
71470	2	15,38/02	74153	2	4,14,36/02	74555	3	10,34/02	76180	1	2,4,6,18,22,23/02
72000	8	40,41/01;4,31,32,35/02	74162	4	10,36/02	74560	10	14,23,28,32,40/02	81001	1	47/01
72007	10	41,49,51/01;6,30,36, 38/02	74171	4	33,36/02	74581	9	9,13,20,26,32,34,36,40, 41/02	81002	6	18/02
72014	10	45/01;12/02	74172	5	2,36/02	74582	9	3,9,13,18,26,28,40/02	81023	5	18/02
72021	8	31,36,38/02	74181	8	52/01;2,11,13,23,28,33, 35,37,38,39/02	74583	15	26,32,34,40/02	81048	8	14/02
72028	7	46/01;4,5,15,31,34/02	74182	12	52/01;1,3,5,11,13,23,24, 25,26,28,33,35,37,38,39, 41,42/02	74584	5	4,18,22,25,32,34,41/02	81054	12	44/01;14,29/02
72035	8	41,44,48/01;16,31/02	74183	11	11,38,39,42/02	74590	2	10,28/02	81063	5	2/02
72040	3	11/02	74184	10	10,13,23,24,28,33,35,37,	74591	7	10,40/02	81092	3	38/02*
72045	2	41,44,48,49/01;16/02	74185	11	11,38,39,42/02	74595	2	28/02	81187	5	45/01
72050	4	48/01	74186	7	11,18,34/02	75001	3	9,23/02	81327	4	45/01
72060	8	43,46/01;32/02	74187	7	38/02	75010	7	16,18,41,42/02	81345	3	45/01
72070	4	46/01;8,11,32/02	74188	7	50/02	75025	9	14,22,23,36,39/02	81711	6	23/02
72075	2	8,20/02	74189	7	2,13,22,23,26,35,36,	75035	18	10,21,24,36,39/02	81715	4	23/02
72080	7	8,20/02	74190	7	37/02	75051	6	13,16/02	82015	13	22/02
72085	2	6,8,30/02	74191	2	1						

## SECTION I

NM 42/02

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 42/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
82030	8	39/01;12,18/02	92025	3	39,40,41,43,47/01;10,11, 13,21/02	93720	10	39/02	95120	7	6,13,17,20,21,42/02
82200	2	49/01	92030	4	38,39,40,41,47/01;7,10, 11,19,21/02	93721	5	42,48/01;1,5,8,9,20,22, 26,32,39,42/02	95138	8	45/01
82210	2	42/02	92033	5	45,52/01	93725	6	20/02	95140	15	46/01;7,8,10,14,15,18,22, 38,40,41/02
82242	1	35/02	92040	2	40/01	93726	4	47/01;26/02	95141	8	39,44/01;7,14/02
82244	5	35,42/02	92050	1	43/01	93730	3	46/01;6,21,39,40,42/02	95142	9	15*,18,19/02
82253	7	49/01;35/02	92060	3	40,47/01;21/02	93733	13	42,43/01;1,5,6,17,21,22, 26,32,39/02	95143	11	39,45,51/01;4,15,18, 40/02
82374	9	22/02	92061	3	40,41/01;21/02	93734	11	42,43/01;1,6,17,22,26, 32/02	95144	9	45/01;8,10,19,38,41/02
82377	2	22/02	92070	3	41,43,47/01	93736	22	42,43/01;1,5,6,8,11,16, 22,26,32,41/02	95146	14	45,46,51/01;7,10,19,36, 38,39,40,41/02
82580	2	19/02	92090	2	41,48/01	93778	8	48/01;14/02	95147	13	46,51/01;7,39,41/02
82646	2	48/01;19,33/02	92100	3	48/01	94004	6	41/01;2,12,14,19,29,30, 33,37/02	95149	9	39/01;15,18,22,34,36,37, 38,41/02
82649	5	42,48/01;3,18,20,33/02	92110	3	48/01;13/02	94016	2	40/01;12,23,33,35/02	95151	17	39,43,45/01;13,15,18,34, 36,37,38,40/02
82683	4	45,48/01;6,18,33/02	92115	1	13,15/02	94028	7	41/01;7,8,9,13,14,23,25, 40,42/02	95152	5	37,38/02
82684	3	48/01;3,12,18,33,38/02	92120	3	43/01;5/02	94033	5	47,51/01	95153	2	15,22,34,36,37,38/02
82689	3	5,6,18,38/02	92130	3	47/01	94040	13	48/01;30,37/02	95160	13	39,40/01;4,7,8,9,15,27, 41,42/02
82690	10	6,18,19,20/02	92200	3	45/10,19/02	94060	10	39,42/01;2,5,27,29,30,33, 37/02	95161	16	48*,51/01;4,27,31,40/02
82694	6	38/02	92210	3	18*,19/02	94061	5	42/01;1,2,5,19,33,35/02	95162	2	39/01;20,40/02
82697	6	38/02	92214	4	45/01;3,19/02	94063	4	41/01;29,33,41/02	95163	2	44,46/01;27/02
83020	8	7/02	92216	3	23/02*	94067	10	43,48/01;33/02	95167	10	46/01
83021	1	25,27/02	92230	3	45/01	94080	7	40,41,48,51/01;14,15,27, 29,30,33/02	95169	2	4/02
83023	4	25,27/02	92240	3	45/01	94082	8	40,43,51/01;5,13,14,25, 27,30/02	95173	1	15,16,17/02
83024	2	42/01	92242	2	45/01;3/02	94083	12	51/01;5,13,17,25/02	95174	1	17/02
83025	1	42,48/01	92260	2	45/01	94084	1	5,6,13,23,25/02	95176	2	39/01;16,20,31/02
83026	32	18,41/02	92280	2	45/01	94120	6	51/01;12,19,21,33,38/02	95177	1	44/01;18,41/02
83032	1	18/02	92290	2	41,43/01;7,11/02	94122	7	51/01;19,30,40/02	95180	11	43/01;9,15,17,18,27,40, 42/02
83034	1	39/01;12/02	92293	2	43/01;7,11/02	94123	9	12,21,33,38,42/02	95185	2	39/01;20,31,40/02
83039	11	9,12,41/02	92296	3	43/01	94124	13	38,42/02	95250	4	12/02
83252	8	18/02	92310	4	39,43,48/01;5,11,13/02	94127	2	21,33,38/02	95258	3	45/01
83253	2	18/02	92320	4	41,43,48/01;7,10/02	94160	7	41,42,47/01;2,26,27,33, 38/02	95262	13	41/02
83255	2	42/01	92330	3	41,43/01	94164	2	2,26,27/02	95267	5	52/01;11,17/02
83382	9	48/01;20,25,27/02	92350	4	47/01	94165	4	14,20,26/02	95268	16	39/02
83383	2	48/01;20,25,27/02	92356	2	47/01	94180	9	39,42,46,47,48/01;26,32, 42/02	95300	5	2,16/02
83385	19	20,27/02	92380	3	41,48/01;7,10,11/02	94187	3	32/02	95320	15	8,35,38/02
83392	5	31/02	92383	7	44,48/01	94203	10	46,47,48/01;22,26,41, 42/02	95341	8	43/01;8,10,11,18,19, 42/02
83393	2	N31/02	92385	4	44,48/01;7,10/02	94206	3	46/01;22,26,41,42/02	95342	16	30/02
83397	6	8,18/02	92400	3	39,41,47/01;10,11,14/02	94207	5	N42,N46,N47/01;N26,	96000	5	6,8/02
83425	6	3,20,35/02	92420	4	39/01;11/02	94208	6	N42/02	96004	14	16,17/02
83484	10	1/02*	92440	4	39,40,47/01	94216	6	40,41/01;27/02	96012	16	7,8,11/02
83495	7	42/01	92450	3	38,40/01;7,21/02	94217	4	30/02	96016	7	51/01;11,12/02
83500	1	9,12/02	92460	1	38/01;11/02	94218	3	30,36/02	96020	4	6,7,41/02
83550	3	9/02	92470	3	39,40,47/01;19,21/02	94220	4	46/01;22,26,41,42/02	96024	3	6,7,8/02
83570	2	39/01;5,24/02	92490	2	45,47/01	94280	5	41/01	96028	5	6,7,8/02
83572	1	24/02	92520	2	45,47/01	94282	9	41/01	96039	7	16,17,30/02
83574	2	39/01;5/02	92550	3	47/01	94322	14	42,46/01	96041	11	48,51/01;16,17,30/02
83580	2	12,24/02	92560	4	45,51/01	94360	6	48/01;18,32/02	96042	11	47,52/01;11,16/02
83633	4	40/01	93006	2	41/01;21,39/02	94361	13	41,43/01;18,32/02	96043	8	51/01;16/02
83637	4	40/01	93010	6	48/01;15,17,22,27,38,40, 41/02	94363	4	41,42,46,47/01;32/02	96044	10	49,51,52/01;1,8,29,30/02
91005	6	7,10,11/02	93018	8	48/01;9,27/02	94420	3	47/01;5,39/02	96060	7	46/01
91008	1	12,29/02	93020	2	42/01;15,24,38/02	94421	10	15/02	96080	6	46/01
91010	6	29/02	93022	1	40,45/01	94423	12	19/02	96100	2	46/01
91020	5	38,39,40,43,45,48/01;10, 19,21,22/02	93030	6	42/01;6,18/02	94427	2	N32/02	96120	6	46/01;30/02
91025	8	40,41,47/01;7,10,21, 22/02	93032	3	46/01;21,39/02	95016	8	43,44/01;9,12,40/02	96130	2	46/01;9/02
91030	3	38,40,41,43,47/01;7,10, 11,21/02	93046	1	9/02	95040	8	4,40/02	96140	5	46,49/01;30/02
91040	1	43,48/01;10,11/02	93048	1	35/02	95056	5	40/02	96141	4	9/02
91080	4	38,48/01;11,21/02	93101	2	N24,N34,N38/02	95065	1	51/01;4,14/02	96181	5	9/02
91081	1	38/01	93110	2	41/01*;22,24,38,40, 41/02	95066	11	41,44,48,51/01;4,10,13, 14,15,16,18,19,20,41/02	96200	5	8,9/02
91096	1	48/01;21/02	93113	2	19/02	95082	9	39,51/01;10,13,19,21,25, 27,30,33/02	96240	4	51/01;8,11/02
91120	3	41/01	93115	2	40,41/02	95083	8	39/01;21,25,33/02	96300	4	11,12/02
91140	4	41/01	93117	2	19,40,41/02	95086	1	45,51/01;41,42/02	96320	4	12/02
91160	3	41/01	93160	4	15*,27,34/02	95087	13	41,48,51/01;18,41/02	96340	4	52/01;12/02
91170	2	41,48/01;38,41/02	93180	7	27,34/02	95088	1	45,51/01;41,42/02	96360	4	42,43/01;12/02
91175	2	41/01	93200	4	44/01;9,26,27/02	95089	13	39,41/01;8,10,13,16,18, 25,27,30,33,40/02	96379	1	42,43/01
91240	5	41,44,45,47/01;7,10/02	93220	6	44/01;17,27,34/02	95090	13	41,48,51/01;10,13,19,21,25, 27,30,33/02	96381	2	42,44/01
91247	5	41,45/01	93240	6	48/01;42/02	95091	8	43,44/01;9,12,40/02	96382	2	43,44/01
91280	7	39,42,45/01;19,22/02	93245	6	44/01	95092	8	4,40/02	96400	4	43/01
91286	10	13,20/02	93247	4	26/02	95093	7	41/01;15,16,18/02	96441	1	43/01;41/02
91289	19	13,19,20/02	93260	8	44/01;27,31/02	95094	4	41/01;15/02	96460	2	45/01
91292	4	42/01	93261	5	44/01;31/02	95095	5	15/02	96480	3	6,7,8,41/02
91294	8	39,42/01;10,14/02	93260	5	38/02	95096	3	43,51/01;4,19,21,25,33, 40/02	96500	6	6,8,41/02
91297	9	39,42/01;10,14/02	93385	6	6,18/02	95097	8	39/01;21,25,33/02	96521	3	N19/02*
91300	3	38,40,48/01;10,21,22/02	93404	6	6/02	95098	7	41/01;15,16,18/02	96640	5	6/02
91309	4	13/02	93420	4	18/02	95099	4	41/01;15/02	96645	1	26/02
91314	3	40/01	93420	4	18/02	95098	5	15/02	96646	2	45/01
91326	2	40/01	93440	4	18/02	95097	3	43,51/01;4,19,21,25,33, 40/02	96670	4	5,7,29,35/02
91330	1	40,44/01	93460	7	6/02	95100	12	41,46/01;7,8,9,10,13,14, 15,16,18,38,39/02	96672	3	29/02
91331	3	38,39,40,48/01;10,21/02	93610	3	46/01	95101	8	8,13,14,15,39/02	96673	7	52/01;29/02
91338	2	39,40/01	93650	2	46/01;19/02	95102	8	46/01;8,10,13,18,38,40/02			
91340	3	40,43,45,47/01;11,19, 21/02	93690	2	46/01	9510					

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 42/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
96764	2	5,19/02	97220	3	39,40,42,43,46,47,50, 51/01;2,7,8,21,24,31,37, 39,42/02	97465	9	38,40,42,43,49/01;5, 21/02
96780	4	4,11/02	97221	20	38,39,40,43,51/01;1,2,7, 8,10,11,21,24,31,37,39, 42/02	97466	2	42,46/01;5,25/02
96800	4	19*,41/02	97222	12	38,40/01;11,25,28/02	97469	10	40,42,43,52/01;7,26/02
96820	4	6/02	97223	3	40/01;8,42/02	97471	5	N42,N43,N52/01;N7, N31/02
96840	3	6,19/02	97224	6	11,18,25,27/02	97472	8	42,43/01;6,7,34/02
96860	3	6/02	97225	31	39,40,42,43,46,51/01;2,7, 8,11,21,24,37,39,42/02	97473	7	5/02
96880	6	6,7,8/02	97226	7	39/01;17/02	97474	7	43/01;21/02
96881	2	7/02	97227	11	43,50/01;21,24,42/02	97480	7	39/01;12,21,35/02
96882	4	51/01;7,8/02	97228	15	43,50/01;2,21,28,30,39, 40,42/02	97481	6	10/02
96883	9	47,51/01;7/02	97229	12	38,41,47,51/01;2,7,8,18, 24,27,31,36,39/02	97483	7	39/01
96900	4	5,7/02	97230	18	39,40,41/01;2,29,36/02	97521	6	19,42/02
96901	3	5,7,19,27/02	97231	11	10,21,41/02	800669	8	N41/01;N20/02
96902	2	5,7/02	97232	8	39,47/01;4,15,20,25/02	800744	1	N22/02
96904	2	5,27,41/02	97233	11	46/01;31,33/02	800778	2	N48/01
96906	2	27/02	97234	17	46/01;29/02	801217	1	N42,N43/01;N5,N6,N7, N21/02
96910	1	6,7,8/02	97235	1	46/01	801885	3	N28/02
96937	2	40/02	97236	20	46/01;31/02	801959	2	N46/01;N10/02
96938	4	9/02	97239	10	46/01;31,33/02	802184	4	N38/01
96939	3	41/01	97241	6	39,50/01	802202	8	N14,N23,N31,N35/02
96942	9	41/01	97243	8	46/01;21,28,29,31,33/02	802260	5	N20/02
96960	3	9/02	97245	11	40,43/01;7,17,28,36/02	802266	1	N47/01*
96962	4	19,30,35/02	97246	15	39,49/01;10,17,18,41/02	803321	1	N45/01
97005	9	51/01	97247	10	46/01;21,29,34/02	803404	2	N26/02
97015	10	51/01	97248	10	46/01;21,28,29,31,33/02	804037	1	N28/02
97021	7	2,16/02	97249	11	40,43/01;7,17,28,36/02	804059	2	N20/02
97026	10	23/02	97250	15	39,49/01;10,17,18,41/02	804567	4	N17/02
97029	3	19/02	97251	10	46/01/21,29,34/02	805647	2	N37/02
97042	7	46/01	97252	10	46/01	807861	2	N27/02
97043	2	46/01;17,23/02	97253	5	39,46,49/01;10,17,37, 41/02	808528	1	N25/02
97060	8	9/02	97254	16	17,18,25,29,40,41/02	809310	9	N13,N18,N39/02
97062	12	44/01;8,9,27/02	97255	11	20/02	809679	2	N25/02
97063	1	45/01	97256	6	36/02	809789	2	N48/01
97064	2	44/01;8,9/02	97271	12	45/01;17,18,25,29,37, 39/02			
97080	5	51/01;9/02	97272	11	45/01;19/02			
97082	5	24/02	97273	10	19,27,34,42/02			
97083	3	9,24/02	97274	19	43/01;19,27,31,34,39/02			
97100	4	51/01;20,28,42/02	97275	1	27,29,40/02			
97101	1	28/02	97276	11	39/02			
97104	4	51/01;8,10,20/02	97277	11	39/01;10,17,27/02			
97105	3	51/01;8,10,20/02	97278	11	39/02			
97120	6	39/01;2,15,22,28,31,37, 40,42/02	97279	9	27/02			
97140	17	39/01;2,10,15,22,33,37, 39/02	97281	2	41/02			
97141	5	13*,19,21,40/02	97285	6	42,43,44/01;10,19,23,27, 31,34,42/02			
97143	11	41/01;2,21,31/02	97286	6	42,43,44/01;10,11,21,23, 25,27,31,34,35,36,41, 42/02			
97144	13	41/01;21,27,31,36/02	97287	5	43/01;11,34/02			
97145	1	39,52/01;2,15,22/02	97300	6	12/02			
97146	9	41/01	97303	3	47,51/01;18,25/02			
97148	9	21*,23/02	97320	6	52/01;33/02			
97149	20	41,45/01;25,34,35/02	97340	8	27,33,38/02			
97150	13	41/01;34,39/02	97341	9	2,27,34/02			
97151	16	41/01;31,35/02	97342	14	27,38/02			
97152	8	37/02	97343	12	38/01;27,38/02			
97153	7	31/02	97360	6	39/01;20,23,27,38/02			
97154	2	36/02	97380	7	39/01;21,39/02			
97155	14	2,20,31,35,36,37,39, 40/02	97381	7	39,49/01;27/02			
97156	6	45/01;2,21,37/02	97382	2	41/02			
97157	1	35,37/02	97383	16	49/01;31/02			
97158	4	39/01	97385	10	31/02			
97159	6	39/01;33,39/02	97388	1	45/01;39/02			
97163	14	39/01;23/02	97390	5	7,31,39,40/02			
97164	1	39/01	97391	26	31/02			
97166	1	33/02	97392	5	39,49,52/01;21/02			
97167	2	23,33/02	97393	14	51,52/01;7,18,21,36,39, 40/02			
97180	6	39,40,42,45,52/01;8,9,11,22, 31,34,39/02	97397	7	52/01;3,8,18,25,39/02			
97181	20	39,40,42,46,51,52/01;8,9, 11,18,22,25,31,34/02	97398	3	51/01;21,25/02			
97182	13	40,50,52/01;11,18,21,23, 31,34,39/02	97400	3	25,26/02			
97183	9	39,46/01;25/02	97410	8	44,45,49,52/01;11,21,20/02			
97184	15	46/01;25,28/02	97412	7	40/02			
97187	3	39,46/01	97420	17	38,40,43,46,51/01;8,9,21, 34,39,42/02			
97188	2	50,52/01						
97189	2	39,46/01;25,28/02						
97190	2	40,42/01;8,9,22,34,39/02						
97200	9	52/01;11/02	97421	13	45/01;20,35,36/02			
97204	9	39,40/01;2,10,28,29/02	97423	2	45/01;20,35,36/02			
97206	2	10,12/02	97425	6	38,40,43,46,52/01;10,34, 39/02			
97207	3	11/02						
97218	3	10,21,41/02	97440	8	20,23,27/02			
97219	4	51,52/01;1,10,12,21,25, 31/02	97441	5	20/02			
			97460	7	40/01;40/02			
			97461	9	40,42,43,49/01;4,5,21/02			

## SECTION II

NM 42/02

## NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	REGION 1							
11AHA11332 (7642014010129)	Sabine Bank (LORAN-C)  (New edition due to numerous Notice to Mariners corrections and changes in hydrography)	80,000	<u>28</u>	<u>8/02</u>	NOS	1-92	42/02	
11XHA11347 (7642014010226)	Calcasieu River and Lake  (Not shown on index) (New edition due to numerous Notice to Mariners corrections and changes in hydrography)	50,000	<u>33</u>	<u>7/02</u>	NOS	1-92	42/02	
11AHA11412 (7642014010142)	Tampa Bay and St. Joseph Sound (LORAN-C)  (New edition due to numerous general changes)	80,000	<u>41</u>	<u>8/02</u>	NOS	1-92	42/02	
11AHA11415 (7642014627118)	Tampa Bay Entrance  Extension: Manatee River (New edition due to numerous general and Notice to Mariners changes)	40,000 40,000	<u>5</u>	<u>8/02</u>	NOS	1-92	42/02	
11AHA11416 (7642014627120)	Tampa Bay  Insets: Tampa St. Petersburg Safety Harbor (Insets not shown on index) (New edition due to numerous general and Notice to Mariners changes)	40,000 20,000 20,000 80,000	<u>5</u>	<u>8/02</u>	NOS	1-92	42/02	
11AHA11468 (7642014010144)	Miami Harbor  (New edition due to various general changes)	10,000	<u>39</u>	<u>8/02</u>	NOS	1-92	42/02	
11BHA11481 (7642014014489)	Approaches to Port Canaveral  (New edition due to numerous Notice to Mariners corrections)	25,000	<u>4</u>	<u>8/02</u>	NOS	1-92	42/02	
12XHA12345 (7642014010382)	Hudson River-George Washington Bridge to Yonkers  (New edition due to various general changes)	10,000	<u>10</u>	<u>9/02</u>	NOS	1-93	42/02	
12XHA12368 (7642014010392)	<u>Sherwood Pt to Stamford Harbor</u>  (New edition due to various general changes)	20,000	<u>26</u>	<u>8/02</u>	NOS	1-22,93	42/02	
13ACO13009 (7642014010399)	Gulf of Maine and Georges Bank (LORAN-C)  (New edition due to changes in hydrography)	500,000	<u>30</u>	<u>8/02</u>	NOS	1-93	42/02	
13BHA13309 (7642014010444)	Penobscot River  Continuation to Bangor Inset: Belfast Harbor (Inset and Continuation not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000 40,000 10,000	<u>28</u>	<u>9/02</u>	NOS	1-93	42/02	
14XHA14836 (7642014010665)	Ashtabula Harbor  (New edition due to numerous Notice to Mariners corrections)	5,000	<u>27</u>	<u>8/02</u>	NOS	1-94	42/02	
19ACO19357 (7642014011663)	Island of Oahu  Inset: Barbers Point Harbor (New edition due to various general changes)	80,000 20,000	<u>22</u>	<u>8/02</u>	NOS	1-97	42/02	
MISCELLANEOUS CHARTS AND PUBLICATIONS								
DNCDX002 (7644014482121)	East Africa		<u>7</u>	<u>8/02</u>	DS	10-40, 47	42/02	
DNCDX005 (7644014482129)	Eastern Australia		<u>7</u>	<u>8/02</u>	DS	10-40, 47	42/02	

## SECTION II

## NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
DNCDX010 (7644014381568)	Middle East		<u>11</u>	<u>8/02</u>	DS	10-40, 47	42/02	
DNCDX012 (7644014474190)	Japan/North Pacific		<u>12</u>	<u>8/02</u>	DS	10-40, 47	42/02	
DNCDX014 (7644014337948)	Central America/Caribbean Sea		<u>19</u>	<u>8/02</u>	DS	10-40, 47	42/02	
DNCDX019 (7644014562140)	Greenland/Iceland/United Kingdom		<u>7</u>	<u>8/02</u>	DS	10-40, 47	42/02	
DNCDX021 (7644014624539)	Norway		<u>4</u>	<u>8/02</u>	DS	10-40, 47	42/02	
DNCDX026 (7644014421035)	British Columbia		<u>12</u>	<u>8/02</u>	DS	10-40, 47	42/02	
SDPUB159 (7642014009034)	Japan - Volume II		<u>8</u>	<u>2002</u>	GPO	10-22	42/02	

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service  
 DS Distribution Limited  
 GPO Government Printing Office  
 NOS National Ocean Service  
 \* Not for sale or reproduction outside U.S.A.

To locate the nearest NOS Sales Agents in your area, go to - <http://acc.nos.noaa.gov/Naut/NautAgents.html>

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

## SECTION II

NM 42/02

### NAVIGATION PUBLICATIONS

#### SAILING DIRECTIONS CORRECTIONS

**PUB 120      2 Ed 2001      LAST NM 37/02**

Page 45—Line 1/L; insert after:

#### Practices and Procedures for Public Ports

Transport Canada, pursuant to Section 76 of the Canada Marine Act, has instituted practices and procedures to be followed by all ships entering, berthing, departing, maneuvering, or anchoring in the waters of all public ports. These practices and procedures, which have been developed for the purposes of promoting safe and efficient navigation and environmental protection within the limits of public ports, can be accessed through the Internet at the following web address:

**Practices and Procedures for Public Ports**  
<http://www.tc.gc.ca/programs/ports/practproc.htm>

(Transport Canada Home Page)      42/02

Page 49—Lines 44 to 49/R; read:

coordinated at the Joint Rescue Coordination Center (JRCC) situated at the Canadian Forces Base Esquimalt (Victoria). Canadian Forces and Coast Guard officers maintain a continuous watch at this center. The JRCC is the headquarters of a coordinated network of agencies trained to search for and aid vessels in distress. The JRCC is alerted by Coast Guard Marine

(PUBS 028/02)      42/02

Page 50—Lines 7 to 8/L; read:

Master to ensure the JRCC concerned is informed and kept up to date since the JRCC has at its disposal expertise and

(PUBS 028/02)      42/02

Page 50—Lines 12 to 14/L; read:

JRCC and/or the Master of the vessel in distress.

The Canada Shipping Act provides for legal penalties for refusal to give aid. The JRCC may delegate its authority to the

(PUBS 028/02)      42/02

**PUB 126      7 Ed 2002      LAST NM 41/02**

Page 217—Lines 42 to 47/R; read:

**Depths—Limitations.**—A 1.65 mile wide channel leads from seaward; Kurukiki Reef, Takanupe Island, and Bara Shoal border the W side of the channel, while Banaru Reef and Karikiberia Shoal lie on the channel's E side. A depth of 5.6m, best seen on the chart, lies 2 miles W of Kurukiki Reef. An ore-loading wharf, situated on the N side of the bay, is 76m in length, with alongside depths of 12.1m.

(34(3652)02 Taunton)      42/02

**PUB 140      2 Ed 2001**

Page 23—Line 47/R; read:

#### Practices and Procedures for Public Ports

Transport Canada, pursuant to Section 76 of the Canada Marine Act, has instituted practices and procedures to be followed by all ships entering, berthing, departing, maneuvering, or anchoring in the waters of all public ports. These practices and procedures, which have been developed for the purposes of promoting safe and efficient navigation and environmental protection within the limits of public ports, can be accessed through the Internet at the following web address:

**Practices and Procedures for Public Ports**  
<http://www.tc.gc.ca/programs/ports/practproc.htm>

(Transport Canada Home Page)

42/02

Page 25—Lines 48 to 50/R; read:

off the Atlantic coasts of Canada and operate a Joint Rescue Coordination Center (JRCC) at Halifax, N.S., for this purpose. Canadian Coast Guard officers are attached to the JRCC to give

(PUBS 028/02)      42/02

Page 25—Line 56/R; read:

The JRCC at Halifax maintains a 24-hour watch (call sign VCS)

(PUBS 028/02)      42/02

Page 26—Line 11/L; read:

sighting report to the JRCC.

(PUBS 028/02)      42/02

**PUB 154      8 Ed 2002**

Page 10—Line 37/L; read:

The **Port of Victoria Traffic Scheme** (PVTS) is not a “traffic

(Can NM 5W/02)      42/02

**PUB 159      8 Ed 2002**

(NIMA)

**LAST NM 31/02**

42/02

**PUB 180      3 Ed 2002**

Page 51—Line 10/R; insert after:

#### Practices and Procedures for Public Ports

Transport Canada, pursuant to Section 76 of the Canada Marine Act, has instituted practices and procedures to be followed by all ships entering, berthing, departing, maneuvering, or anchoring in the waters of all public ports. These practices and procedures, which have been developed for the purposes of promoting safe and efficient navigation and environmental protection within the limits of public

**PUB 180 (Continued)**

ports, can be accessed through the Internet at the following web address:

**Practices and Procedures for Public Ports**  
<http://www.tc.gc.ca/programs/ports/practproc.htm>

(Transport Canada Home Page) 42/02

Page 52—Lines 8 to 14/L; read:

Joint Rescue Coordination Centers (JRCCs) are situated in the Canadian Forces bases at Halifax, N.S.; Trenton, Ontario; and Victoria, B.C. to coordinate activities in their regions. Each JRCC is the headquarters of a coordinated network of agencies trained and responsible to search for and aid vessels in distress. There are Canadian Coast Guard officers at each JRCC who are on

(PUBS 028/02) 42/02

Page 52—Line 19/L; read:

as sub-centers of the above-mentioned JRCCs. The MRCs at St.

(PUBS 028/02) 42/02

Page 52—Line 26/L; read:

directed to the appropriate MRCs or JRCC via the nearest

(PUBS 028/02) 42/02

**PUB 191 9 Ed 2000****LAST NM 17/02**

Page 100—Line 30/L; read:

in winter.

**Aspect**

**The Varne** (50°58'N., 1°20'E.), a dangerous steep-to and narrow shoal, lies 11 miles NW of Cap Griz-Nez and extends for about 8 miles. Strong tide rips occur in the vicinity of this shoal and a heavy sea breaks over it during bad weather. This shoal has a least depth of about 3m and is marked by lighted buoys.

**Varne Lightvessel** (51°01'N., 1°24'E.), with a red hull, is moored at the NE end of The Varne and equipped with a racon.

**The Ridge** (Le Colbert) (50°53'N., 1°20'E.), a dangerous steep-to and narrow shoal, lies about 10 miles W of Cap Gris-Nez. It extends for about 10 miles and forms a natural separation between the traffic lanes of the TSS. This shoal, which is composed mostly of sand with mud and shells in places, has a least depth of 1.5m and is marked by lighted buoys. The sea breaks heavily on this shoal, especially with the wind against the tidal current.

**Bullock Bank** (50°45'N., 1°05'E.), a steep-to and narrow shoal, lies about 20 miles WSW of Cap Gris-Nez. It extends for about 7 miles and is marked by a lighted buoy. This bank has a least depth of 14m and is usually marked by strong tidal rips.

**Les Ridens** (50°45'N., 1°18'E.), lying about 13 miles SW of Cap Gris-Nez, is an area consisting of several shoals. These shoals are formed of sand, gravel, and shells disposed

irregularly on a rocky bottom. The area has a least depth of 13m and is marked by a lighted buoy. The sea breaks heavily on this area and strong eddies occur in bad weather.

**Bassurelle** (50°38'N., 1°05'E.), a sandy shoal with a least depth of about 7m, lies 24 miles SW of Cap Gris-Nez. Strong eddies and a dangerous sea occur during bad weather, especially with the wind against the tidal current, in the vicinity of this shoal. The shoal extends for about 9 miles and the depths over it frequently change.

**Bassurelle Lighted Buoy** (50°33'N., 0°58'E.), equipped with a racon, is moored about 1.5 miles off the SW side of this shoal.

**Vergoyer** (50°33'N., 1°15'E.), a narrow sandbank, lies 23 miles SSW of Cap Griz-Nez. It extends for about 15 miles and is marked by lighted buoys. A shoal patch, with a least depth of 4.2m, lies near the NE extremity. The E side of this sandbank is steep-to while the W side slopes gradually. In bad weather the sea breaks over this bank.

**Vergoyer N Lighted Buoy** (50°40'N., 1°22'E.), equipped with a racon, is moored about 2 miles N of the N end of this bank.

**Bassure de Baas** (50°27'N., 1°20'E.), a narrow bank of sand and shells, lies with its N end located about 4.5 miles SSW of Cap Griz-Nez. This bank has mostly depths of less than 7m and extends for about 35 miles. During bad weather the sea breaks heavily over the entire bank.

Numerous unmarked wrecks lie in the channel leading between the mainland coast and the N part of Bassure de Baas.

**Battur**, a shoal extending for about 9 miles, lies parallel with and SE of the SW extremity of Bassure de Baas. It has a least depth of 8.9m and is formed of sand, gravel, and shells. During strong W winds the sea breaks heavily on this shoal.

**Sandettie** (51°15'N., 2°00'E.), a shoal bank extending for about 15 miles, lies with its SW end located 11 miles NNW of Calais. It has a least depth of 5m and is marked by lighted buoys.

**Sandettie Lightvessel** (51°09'N., 1°47'E.), with a red hull, is moored off the SW end of the bank and equipped with a racon. This lightvessel may be replaced by a Lanby during the summer months.

**Foxtrot 3 Lightvessel** (51°24'N., 2°01'E.), with a red hull, is equipped with a racon. It is moored 6 miles NNW of the N end of Sandettie and marks the center separation zone of the TSS. This lightvessel is situated in an area of extensive crossing traffic and vessels should avoid approaching within 500m of it.

**Inter Bank Lighted Buoy** (51°17'N., 1°52'E.) (special) is moored 9 miles SW of the F3 Lightvessel and is equipped with a racon. It is located 2 miles NW of the NW side of Sandettie and marks the center separation zone of the TSS.

**MPC Lighted Buoy** (51°06'N., 1°38'E.) is moored 13.5 miles SW of the Inter Bank Lighted Buoy and marks the center separation zone of the TSS.

**F2 Lighted Buoy** (51°21'N., 1°56'E.) is moored 4.5 miles NE of the Inter Bank Lighted Buoy and marks the center separation zone of the TSS.

**F1 Lighted Buoy** (50°11'N., 1°45'E.) is moored 7 miles SW of the Inter Bank Lighted Buoy and marks the center separation zone of the TSS.

**PUB 191 (Continued)**

**Dyck Lighted Buoy** (51°03'N., 1°52'E.), equipped with a racon, is moored about 5 miles N of Calais.

**Ruytingen SW Lighted Buoy** (51°05'N., 1°47'E.) is moored about 3.7 miles WNW of Dyck Lighted Buoy at the SE limit of the northeastbound traffic lane.

**Out Ruytingen** (51°08'N., 2°04'E.) extends ENE for about 16 miles from the vicinity of the Ruytingen SW Lighted Buoy. It has depths of less than 5m in parts and is the outermost shoal fronting the coast in this area.

**South Falls** (51°23'N., 1°47'E.), a narrow shoal, lies with its S extremity located about 5 miles N of the SW end of Sandettie. It has a least depth of about 6m and is marked by lighted buoys. This shoal extends ENE for about 15 miles and forms the SE most part of the Outer Banks fronting the Thames Estuary.

**South Falls Lighted Buoy** (51°14'N., 1°44'E.) is moored close S of the S end of South Falls at the NW limit of the southwestbound traffic lane.

**East Goodwin Lightvessel** (51°13'N., 1°36'E.), with a red hull, is moored 8 miles WNW of Sandettie Lightvessel and equipped with a racon.

**CS4 Lighted Buoy** (51°09'N., 1°34'E.) is moored about 4.8 miles SSW of the East Goodwin Lightvessel at the NW limit of the southwestbound traffic lane.

**Colbert N Lighted Buoy** (50°07'N., 1°24'E.) is moored about 4 miles S of the Varne Lightvessel at the center separation zone of the TSS.

For additional navigational aids marking the southwestbound lane of the TSS, see Sector 7.

(36(3780)02 Taunton)

42/02

**PUB 192****7 Ed 2000****LAST NM 37/02**

Page 40—Lines 20 to 59/R; read:

**Pilotage.**—Humber Pilotage Control and Vessel Traffic Service (VTS) are combined in a single center located at Spurn Point. Pilot orders for inbound and outbound passages must be sent to the VTS center by fax, telephone, telex, or VHF channel 14 or 12 as appropriate. In the approaches to the Humber, VHF channel 13 is used as an intership channel and for communication between pilot boats and vessels embarking pilots.

Pilotage is compulsory for vessels over 60m in length and all vessels carrying dangerous substances in bulk. Vessels requiring pilotage should send an ETA message to the VTS center at least 12 hours in advance of arriving at the seaward limit of the pilotage area. The message must state the following:

1. Length.
2. Name and call sign.
3. Grt and nrt.
4. Air draft.
5. Draft and dwt (actual).
6. Summer draft and dwt.
7. Destination.
8. ETA at destination and at Spurn Light Float.
9. Last port of call and original port of call.
10. Berthing orders.
11. Details of cargo.
12. Pilotage requirements and pilot boarding position.
13. Pilot Exemption Certificate number.

14. Report (Schedule II) for vessels carrying dangerous goods.

15. Defects and any other information.

Inbound vessels must confirm their ETA as follows:

a. 4 hours prior to arriving at the Alpha Lighted Buoy (53°32.8'N., 0°13.3'E.) on VHF channel 15.

b. 2 hours 30 minutes prior to arriving at the Alpha Lighted Buoy (53°32.8'N., 0°13.3'E.) on VHF channel 14.

The ETA confirmation at 2 hours 30 minutes is required under all circumstances and is not dependent on the availability of a berth or berthing time.

Vessels claiming exemption from compulsory pilotage should inform the VTS center of their intentions. Pilotage is recommended for those vessels exempted but without local knowledge.

All pilotage requirements by inbound vessels should be made through VTS Humber on VHF channel 14 or 15 up to the meridian of the No. 4A Clee Ness Light Float (53°35'N., 0°02'E.). Above this meridian (upriver) vessels should use VHF channel 12.

The pilotage control and VTS center at Spurn Head has radar coverage from seaward of the Humber Light Float to Immingham. Pilot launches operate from a small pier on the W side of the head.

Pilots board vessels over 40,000 dwt, over 20,000 cubic meters (gas carriers), or with drafts over 11m about 1.5 miles NE of the Humber Light Float. Such vessels, while awaiting a pilot, should anchor in the deep-water anchorage centered about 3.5 miles SE of the Humber Light Float.

Vessels should be aware that tidal currents in this area have, on occasion, exceeded the predicted rate and anchored vessels have dragged their anchor N, at rates of up to 2 knots, towards the gas pipelines situated 4 miles N. Due to these strong tidal currents, it is inadvisable for deep-draft vessels to embark the pilot closer to the shore. In addition, there is no certainty that suitable anchorages can be found if for any reason these vessels cannot proceed directly to their final berths.

Pilots board other vessels about 1 mile SE of Spurn Light Float (53°33.5'N., 0°14.3'E.), in the Precautionary Area.

(BA NP 286)

42/02

Page 41—Lines 12 to 53/L; read:

**Traffic Control.**—The Vessel Traffic Service Humber (VTS Humber) is divided into two operational areas.

Area 1 extends from the sea to the meridian of the No. 4A Clee Ness Light Float (53°35'N., 0°02'E.).

Area 2 extends upriver from the meridian of the No. 4A Clee Ness Light Float to Gainsborough, on the River Trent, and Goole, on the River Ouse.

General information including visibility, weather, tidal information, aids, navigational warnings, and traffic is broadcast for the Rivers Humber, Ouse, and Trent.

The VTS procedures are mandatory for all vessels over 50 grt and those vessels carrying dangerous cargoes.

Vessels within Area 1 should contact VTS Humber on VHF channel 14 or channel 15 (see below). Vessels within Area 2 should contact VTS Humber on VHF channel 12. All vessels should keep a continuous watch on the appropriate channel.

**PUB 192 (Continued)**

Inbound vessels should send a report to VTS Humber at least 24 hours in advance or within 1 hour of leaving a previous port of call where such port is not situated within the River Humber. The report should include an ETA and the same information as listed above in the request for pilotage message.

VHF channel 15 is the long-range communication channel. It should be used for initial contact by vessels arriving from seaward 4 hours from the Alpha Lighted Buoy. When such vessels are 2 hours 30 minutes away from this buoy, VHF channel 14 should be used and monitored.

Vessels fitted with the appropriate equipment should, after giving the initial notice on VHF channel 15, on approaching the Humber monitor VHF channel 14 and channel 16.

To avoid congestion on VHF channel 12, vessels upriver of the No. 4A Clee Ness Light Float wishing to communicate with each other (intership) for the purpose of navigation should use VHF channel 12 and then move to channel 10. (Vessels are not required to keep a listening watch on VHF channel 10).

Inbound vessels are required to report to VTS Humber on VHF, as follow:

1. When entering the TSS and passing either the Outer Binks Lighted Buoy (53°37.2'N., 0°20.2'E.) or the Outer Sea Reach Lighted Buoy (53°32.7'N., 0°23.0'E.) or the Outer Rosse Reach Lighted Buoy (53°29.8'N., 0°20.9'E.).
2. When the pilot is embarked.
3. When passing the Alpha Lighted Buoy (53°32.8'N., 0°13.3'E.).
4. When anchoring or not proceeding to a port.
5. When passing the No. 4A Clee Ness Light Float (Change from VHF channel 14 to channel 12).
6. When passing the Sunk Split Lighted Buoy (53°37.1'N., 0°04.6'W.).
7. When passing the No. 19 Paull Sand Lighted Buoy (53°42.0'N., 0°13.7'W.).
8. When passing Trent Falls (53°42.0'N., 0°41'W.).
9. When securely moored at a final berth within the ports and docks of the Rivers Humber, Ouse, or Trent.

Inbound and outbound vessels intending to navigate the Sunk Dredged Channel should obtain clearance from VTS Humber prior to passing Spurn Point (53°34.0'N., 0°6.6'W.).

The Sunk Dredged Channel is now dredged continuously; the least available depth is announced by VTS Humber on VHF channel 12 during regular river broadcasts. This information is also available on request from VTS Humber.

Prior to entering the river, all vessels carrying dangerous cargo should request anchoring or berthing instructions from VTS Humber.

Humber Serious Marine Emergency Plan (HSMEP) is a contingency plan developed to deal with any marine accident or emergency including oil pollution within the river. Details of this plan and the emergency will be broadcast by VTS Humber on VHF channels 12, 14, and 16.

(BA NP 286) 42/02

**PUB 200****4 Ed 2002****LAST NM 39/02**

Page 119—Line 26/R; read:

fronted by an islet. Point Wild, located on the N coast of Elephant Island, approximately 7 miles W of Cape Valen-

tine, can be identified by a beacon and a monument. An underwater rock, over which the depth is uncertain but which is considered dangerous to navigation, has been reported (2002) to lie about 0.5 mile NNW of Point Wild in approximate position 61°05'S, 54°52'W.

(BA NM 21/02)

42/02

**COAST PILOT CORRECTIONS****COAST PILOT 1****32 Ed 2001****Change No. 16****LAST NM 39/02**

Page 91—Paragraph 1752; insert after:

**§334.45 Kennebec River, Bath Iron Works Shipyard, Naval Restricted Area, Bath, Maine.**

(a) *The area.* The waters within a coffin shaped area on the west side of the river south of the Carlton (Route 1) highway bridge beginning on the western shore at latitude 43°54'40.7"N., longitude 069°48'44.8"W.; thence easterly to latitude 43°54'40.7"N., longitude 069°36.8"W.; thence south-easterly to latitude 43°54'10.4"N., longitude 069°48'34.7"W.; thence southwesterly to latitude 43°53'55.1"N., longitude 069°48'39.1"W.; thence westerly to latitude 43°53'55.1"N., longitude 69°48'51.8"W.; thence northerly along the westerly shoreline to the point of origin.

(b) *The regulation.* All persons, swimmers, vessels and other craft, except those vessels under the supervision or contract to local military or Naval authority, vessels of the United States Coast Guard, and local or state law enforcement vessels, are prohibited from entering the restricted areas without permission from the Supervisor of Shipbuilding, USN Bath, Maine or his authorized representative.

(c) *Enforcement.* The regulation in this section, promulgated by the United States Army Corps of Engineers, shall be enforced by the, Supervisor of Shipbuilding, Conversion and Repair, Bath, United States Navy and/or such agencies or persons as he/she may designate.

(CL 738/02; 25/02 CG1)

42/02

Page 247—Paragraph 93, lines 8 to 10; read:

are close to the sailing line. In 1997-June 2000, the dredged section of Salem Channel had a controlling depth of 25 feet (28 feet at midchannel), thence 28 feet in the turning basin. Salem Channel is well ...

(CL 738/02; DD 3043; 25/02 CG1)

42/02

Page 264—Paragraph 237, lines 5 to 8; read:

Quincy Point. The channel is well marked. In October 2000–November 2001, the controlling depths were 28.9 feet (31.4 feet at midchannel) to the highway bridge at Quincy Point, thence 27.6 feet to the head of the project. There were depths of 27 feet to 35 feet available in the turning basin 0.5 mile above ...

(BPs 177834-42; 30/02 CG1)

42/02

Page 267—Paragraph 34, line 3; read:

clearance of 12 feet. In July 2002, an obstruction (submerged piling) was reported in North River directly under State Highway Route 3A bridge; the piling is reported visible at

**COAST PILOT 1 (Continued)**

low tides. The second highway bridge about 4 miles above ...  
 (27/02 CG1) 42/02

**COAST PILOT 1 32 Ed 2001 Change No. 17**

Page 92—Paragraph 1785; read:  
 (c) *Approaching North Atlantic right whales.*  
 (FR 5/31/01; 50 CFR 224) 42/02

**COAST PILOT 2 31 Ed 2001 Change No. 19 LAST NM 39/02**

Page 34—Paragraph 5, line 2; read:  
**and Atmospheric Administration:** (50 CFR 222, 224, AND 226).  
 (50 CFR 224) 42/02

Page 113—Paragraph 2821; read:  
 (c) *Approaching North Atlantic right whales.*  
 (FR 5/31/01; 50 CFR 224) 42/02

Page 250—Paragraph 469, line 6; read:  
 regulations.) In July 2002, Long Island Railroad bridge was reported inoperable as a swing bridge and closed to vessel traffic. Clearance under the fixed bridge is 83 feet.  
 (29/02 CG1) 42/02

Page 289—Paragraph 36, lines 4 to 5; read:  
 shore with a clearance of 195 feet, and the tops of the towers are about 600 feet above the water. When the traveller platform is in use, the bridge clearance is reduced to 180 feet.  
 (NOS 12345; CL 1734/99;  
 CL 1015/66; CL 319/94) 42/02

**COAST PILOT 3 35 Ed 2002 Change No. 17 LAST NM 37/02**

Page 35—Paragraph 5, line 2; read:  
**and Atmospheric Administration:** (50 CFR 222, 224, AND 226).  
 (50 CFR 224) 42/02

Page 112—Paragraph 2747, line 3 to Page 113—Paragraph 2771; read:  
 easternmost point of Pasque Island (41°26'55"N., 70°50'30"W.).

**TITLE 50-WILDLIFE AND FISHERIES****PART 222-General Endangered and Threatened Marine Species****Subpart A—Introduction and General Provisions  
§222.101 Purpose and scope of regulations.**

(a) The regulations of parts 222, 223, and 224 and this chapter implement the Endangered Species Act (Act), and govern the taking, possession, transportation, sale, purchase, barter, exportation, importation of, and other requirements pertaining to wildlife and plants under the jurisdiction of the

Secretary of Commerce and determined to be threatened or endangered pursuant to section 4(a) of the Act. These regulations are implemented by the National Marine Fisheries Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce. This part pertains to general provisions and definitions. Specifically, parts 223 and 224 pertain to provisions to threatened species and endangered species, respectively. Part 226 enumerates designated critical habitat for endangered and threatened species. Certain of the endangered and threatened marine species enumerated in §§224.102 and 223.102 are included in Appendix I or II to the Convention on International Trade of Endangered Species of Wild Fauna and Flora. The importation, exportation, and re-exportation of such species are subject to additional regulations set forth of 50 CFR part 23, chapter I.

(b) For rules and procedures relating to species determined to be threatened or endangered under the jurisdiction of the Secretary of the Interior, see 50 CFR parts 10 through 17. For rules and procedures relating to the general implementation of the Act jointly by the Departments of the Interior and Commerce and for certain species under the joint jurisdiction of both the Secretaries of the Interior and Commerce, see 50 CFR Chapter IV. Marine mammals listed as endangered or threatened and subject to these regulations may also be subject to additional requirements pursuant to the Marine Mammal Protection Act (for regulations implementing that act, see 50 CFR part 216).

(c) No statute or regulation of any state shall be construed to relieve a person from the restrictions, conditions, and requirements contained in parts 222, 223, and 224 of this chapter. In addition, nothing in parts 222, 223, and 224 of this chapter, including any permit issued pursuant thereto, shall be construed to relieve a person from any other requirements imposed by a statute or regulation of any state or of the United States, including any applicable health, quarantine, agricultural, or customs laws or regulations or any other National Marine Fisheries Service enforced statutes or regulations.

**PART 224—Endangered Marine and Anadromous Species****§224.103 Special prohibitions for endangered marine mammals.****(c) *Approaching North Atlantic right whales.***

(1) *Prohibitions.* Except as provided under paragraph (b)(3) of this section, it is unlawful for any person subject to the jurisdiction of the United States to commit, attempt to commit, to solicit another to commit, or cause to be committed any of the following acts:

(i) Approach (including by interception) within 500 yards (460 m) of a right whale by vessel, aircraft, or any other means;

(ii) Fail to undertake required right whale avoidance measures specified under paragraph (b)(2) of this section.

(2) *Right Whale avoidance measures.* Except as provided under paragraph (b)(3) of this section, the following avoidance measures must be taken if within 500 yards (460 m) yards of a right whale:

## SECTION II

NM 42/02

### COAST PILOT 3 (Continued)

(i) If underway, a vessel must steer a course away from the right whale and immediately leave the area at a slow safe speed.

(ii) An aircraft must take a course away from the right whale and immediately leave the area at a constant airspeed.

(3) *Exceptions.* The following exceptions apply to this section, but any person who claims the applicability of an exception has the burden of proving that the exception applies:

(i) Paragraphs (b)(1) and (b)(2) of this section do not apply if a right whale approach is authorized by the National Marine Fisheries Service through a permit issued under part 222, subpart C, of this chapter (General Permit Procedures) or through a similar authorization.

(ii) Paragraphs (b)(1) and (b)(2) of this section do not apply where compliance would create an imminent and serious threat to person, vessel, or aircraft.

(iii) Paragraphs (b)(1) and (b)(2) of this section do not apply when approaching to investigate a right whale entanglement or injury, or to assist in the disentanglement or rescue of a right whale, provided that permission is received from the National Marine Fisheries Service or designee prior to the approach.

(iv) Paragraphs (b)(1) and (b)(2) of this section do not apply to an aircraft unless the aircraft is conducting whale watch activities.

(v) Paragraph (b)(2) of this section does not apply to the extent that a vessel is restricted in her ability to maneuver and, because of the restriction, cannot comply with paragraph (b)(2) of this section.

Page 223—Paragraph 136, line 15; read:  
Entrance Lighted Whistle Buoy CF (33°48'10"N., 78°05'15"W.); the ...  
(24/02 CG05; LL/01) 42/02

Page 226—Paragraph 13, lines 7 to 11; read:  
4.2 feet at the inlet and about 2 feet at Supply. In August 2001, the reported midchannel controlling depths were 4.3 feet from the Intracoastal Waterway to Lockwoods Folly River Daybeacon 10, thence 3.7 feet to Daybeacon 16, thence 2.3 feet to Supply. The river channel is marked ...  
(CL 132/02) 42/02

### COAST PILOT 5 29 Ed 2002 Change No. 24 LAST NM 39/02

Page 254—Paragraph 229, lines 11 to 13; read:  
bay side of Destin close N of the bridge. In November 2001, the controlling depth through the channel into Destin Harbor was 4.3 feet (6.7 feet at midchannel). It is reported that the channel shoals ...  
(BP 176832) 42/02

Page 270—Paragraph 222, lines 6 to 9; read:  
miles above the State Route 613 bridge. In November 2001, the controlling depth was 6.8 feet (10.1 feet at midchannel) to the State Route 613 bridge, thence 5.8 feet to the head of the project with shoaling to 0.8 foot in the N half of the channel at the head of the ...  
(BPs 176906-14) 42/02

Page 310—Paragraph 41, lines 7 to 10; read:  
Waterway. In March-April 2002, the controlling depth was 11 feet across the bar, thence 4 feet to Light 19, thence 5 feet to Light 43, thence 8 feet to the entrance of Bayou Rigolettes, thence 6 feet to the junction with the Intracoastal Waterway.  
(DDs 2890-98; DDs 2762-64) 42/02

### COAST PILOT 5 29 Ed 2002 Change No. 25

Page 64—Paragraph 725, line 2; read:  
eastward of longitude 66°05'45"W.  
(33 CFR 110.74c) 42/02

Page 69—Paragraph 841; read:  
29°20'37.0"N., 94°46'08.0"W.;  
(33 CFR 110.197) 42/02

Page 75—Paragraphs 1061 to 1062; strike out.  
(33 CFR) 42/02

### PART 226—Designated Critical Habitat

#### §226.101 Purpose and scope.

The regulations contained in this part identify those habitats designated by the Secretary of Commerce as critical under section 4 of the Act, for endangered and threatened species under the jurisdiction of the Secretary of Commerce. Those species are enumerated at §223.102 of this chapter, if threatened and at Sec. 224.101 of this chapter, if endangered. For regulations pertaining to the designation of critical habitat, see part 424 of this title, and for regulations pertaining to prohibition against the adverse modification or destruction of critical habitat, see part 402 of this title. Maps and charts identifying designated critical habitat that are not provided in this section may be obtained upon request to the Office of Protected Resources (see §222.102, definition of “Office of Protected Resources”).

#### §226.203 Critical habitat for Northern right whales.

(50 CFR 222, 224, and 226; FR 5/31/01) 42/02

### COAST PILOT 4 33 Ed 2001 Change No. 40 LAST NM 34/02

Page 126—Paragraph 2882; read:

(c) *Approaching North Atlantic right whales.*  
(FR 5/31/01; 50 CFR 224) 42/02

**COAST PILOT 5 (Continued)**

Page 95—Portion of Table 161.18(a); read:

**TABLE 161.18(a).- The IMO STANDARD SHIP REPORTING SYSTEM**

X XRAY .....	Miscellaneous .....	Any other information as appropriate. [i.e., a detailed description of a planned operation, which may include: its duration; effective area; any restrictions to navigation; notification procedures for approaching vessels; in addition, for a towing operation; configuration, length of the tow, available horsepower, etc.; for a dredge or floating plant: configuration of pipeline, mooring configuration, number of assist vessels, etc.].
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(33 CFR 161.18(a))

42/02

Page 122—Paragraphs 2811 to 2816; read:

(a) *Area to be avoided* means a routing measure comprising an area within defined limits in which either navigation is particularly hazardous or it is exceptionally important to avoid casualties and which should be avoided by all ships or certain classes of ships.

(b) *Traffic separation scheme (TSS)* means a designated routing measure which is aimed at the separation of opposing streams of traffic by appropriate means and by the establishment of traffic lanes.

(c) *Traffic lane* means an area within defined limits in which one-way traffic is established. Natural obstacles, including those forming separation zones, may constitute a boundary.

(d) *Separation zone or line* means a zone or line separating the traffic lanes in which ships are proceeding in opposite or nearly opposite directions; or separating a traffic lane from the adjacent sea area; or separating traffic lanes designated for particular classes of ships proceeding in the same direction.

(e) *Precautionary area* means a routing measure comprising an area within defined limits where ships must navigate with particular caution and within which the direction of traffic flow may be recommended.

(f) *Deep-water route* means an internationally recognized routing measure primarily intended for use by ships that, because of their draft in relation to the available depth of water in the area concerned, require the use of such a route.

(g) *Two-way route* means a route within defined limits inside which two-way traffic is established, aimed at providing safe passage of ships through waters where navigation is difficult or dangerous.

(33 CFR 167.5)

42/02

Page 252—Paragraph 205, lines 6 to 7; read:

**Choctawhatchee Bay Entrance Lighted Whistle Buoy CB** (30°22'18"N., 86°30'24"W.), about 0.5 mile off the entrance to the ...

(LL/02)

42/02

Page 268—Paragraph 172, lines 1 to 4; read:

**Prominent features.**—The six refinery flares, E of Bayou Casotte, are very prominent from offshore at night. At the north end of Bayou Casotte, a 140-foot gypsum pile is prominent. The ...

(CL 1687/02)

42/02

Page 268—Paragraph 176, line 9; read:

for a depth of 40 feet in Horn Island Pass Channel and 42 feet in ...

(CL 1687/02; 33/02 CG8)

42/02

Page 268—Paragraph 177, line 4; read:

Lighted Buoys 27 and 29. Situations resulting in collisions, ...

(CL 1687/02; LL/02)

42/02

Page 269—Paragraph 187, lines 5 to 7; read:

Pilotage is available from Pascagoula Bar Pilots' Association, 3309 Frederick Street, Suite 3, Pascagoula, MS 39567, telephone 228-762-1151, FAX 228-762-0660. Pilots board vessels about 1 mile S to SE of ...

(CL 1687/02)

42/02

**COAST PILOT 5****29 Ed 2002****Change No. 26**

Page 244—Paragraph 36, lines 6 to 7; read:

N and **Bald Point** on the S. **Ochlockonee Bay Light OB** (29°56'00"N., 84°18'00"W.), 16 feet above the water and shown ...

(LL/02)

42/02

Page 269—Paragraph 188, lines 1 to 2; read:

The pilot boats, 37 feet long with a forward house, and 35 feet long with an aft house, each have a ...

(CL 1687/02)

42/02

Page 269—Paragraph 188, line 8; read:

water. Pilots can be arranged for by telephone (228-762-1151) ...

(CL 1687/02)

42/02

Page 269—Paragraph 193; read:

**Pascagoula Coast Guard Station** is on the N side of Singing River at the entrance to the Pascagoula River.

(CL 1687/02)

42/02

Page 269—Paragraph 195, line 8; read:

(228-762-4041).

(CL 1687/02)

42/02

Page 269—Paragraph 202; strike out.

(CL 1687/02)

42/02

**COAST PILOT 5 (Continued)**

Page 269—Paragraph 206, lines 3 to 9; read:  
38 feet alongside; 159,000 square feet covered storage;  
receipt and shipment of conventional and roll-on/roll-off  
general cargo in foreign and domestic trade; shipyard repair  
facilities to 13 acres; mooring offshore mobile platforms/rigs  
for repairs; owned by Jackson County Port Authority and  
operated by Friede Goldman Offshore.

(CL 1687/02) 42/02

Page 270—Paragraph 210, line 3; read:  
space with dolphins; deck height, 15 feet; 42 feet alongside;  
pipelines ...  
(CL 1687/02) 42/02

Page 270—Paragraph 211, line 3; read:  
space with dolphins; deck height, 15 feet; 42 feet alongside;  
pipelines ...  
(CL 1687/02) 42/02

Page 270—Paragraph 218, line 1; read:  
**Repairs.**—The Northrup Grumman Ingalls is engaged primarily ...  
(CL 1687/02) 42/02

Page 270—Paragraph 219, lines 3 to 12; read:  
vessels are built. Friede Goldman Offshore and Halter operates five yards in the Pascagoula/Jackson County area providing service to semi-submersible and jack-up oil rigs as well as a vastly assortment of ships and boats. One is adjacent to the Port Authority Terminal D on the Pascagoula River, two are above the highway 90 bridge in the Escatawpa and Moss Point areas. The two largest are on the west side of Bayou Casotte with large floating cranes and gantry crane service available. There are other independently operated repair yards. The largest of these is on the S side of Krebs Lake. A floating drydock at the yard can handle vessels to 190 feet long and 45 feet wide, has a depth of 12 feet over the keel blocks, and has a lifting capacity of 800 tons. A 100-ton marine railway that can handle most vessels to about 100 feet long and a 60-ton mobile hoist are at the yard. Other yards have marine lifts and marine ways with facilities for handling vessels and barges. Machine shops are available. Several of the smaller yards build wooden and steel vessels up to 140 feet and barges up to 250 feet.  
(CL 1687/02) 42/02

Page 270—Paragraph 220, line 3; read:  
Export Railroad which connects with the Canadian National Railroad ...  
(CL 1687/02) 42/02

Page 313—Paragraph 102, line 8; read:  
by lights and daybeacons. Another route is through **East Champagne Bay**, ...  
(CL 1631/02; NOS 11365; LL/02) 42/02

Page 342—Paragraph 203, lines 2 to 4; read:  
Channel and an Outer Bar Channel both dredged to 45 feet

from the Gulf to about 2 miles W of the outer end of the jetties, and in the Inner Bar Channel to Bolivar Roads, thence 40 feet in ...  
(35/02 CG8) 42/02

**COAST PILOT 5**      **29 Ed 2002**      **Change No. 27**

Page 53 to Page 54, table; read:  
**UNITED STATES FISH AND WILDLIFE SERVICE**

**GREAT WHITE HERON NATIONAL WILDLIFE REFUGE**

[Based on the North American Datum of 1983]

Point	Latitude	Longitude
1 .....	24°43.8'N.	81°48.6'W.
2 .....	24°43.8'N.	81°37.2'W.
3 .....	24°49.2'N.	81°37.2'W.
4 .....	24°49.2'N.	81°19.8'W.
5 .....	24°48.0'N.	81°19.8'W.
6 .....	24°48.0'N.	81°14.4'W.
7 .....	24°49.2'N.	81°14.4'W.
8 .....	24°49.2'N.	81°08.4'W.
9 .....	24°43.8'N.	81°08.4'W.
10 .....	24°43.8'N.	81°14.4'W.
11 .....	24°43.2'N.	81°14.4'W.
12 .....	24°43.2'N.	81°16.2'W.
13 .....	24°42.6'N.	81°16.2'W.
14 .....	24°42.6'N.	81°21.0'W.
15 .....	24°41.4'N.	81°21.0'W.
16 .....	24°41.4'N.	81°22.2'W.
17 .....	24°43.2'N.	81°22.2'W.
18 .....	24°43.2'N.	81°22.8'W.
19 .....	24°43.8'N.	81°22.8'W.
20 .....	24°43.8'N.	81°24.0'W.
21 .....	24°43.2'N.	81°24.0'W.
22 .....	24°43.2'N.	81°26.4'W.
23 .....	24°43.8'N.	81°26.4'W.
24 .....	24°43.8'N.	81°27.0'W.
25 .....	24°43.2'N.	81°27.0'W.
26 .....	24°43.2'N.	81°29.4'W.
27 .....	24°42.6'N.	81°29.4'W.
28 .....	24°42.6'N.	81°30.6'W.
29 .....	24°41.4'N.	81°30.6'W.
30 .....	24°41.4'N.	81°31.2'W.
31 .....	24°40.8'N.	81°31.2'W.
32 .....	24°40.8'N.	81°32.4'W.

**SECTION II****NM 42/02****COAST PILOT 5 (Continued)**

33 .....	24°41.4'N.	81°32.4'W.
34 .....	24°41.4'N.	81°34.2'W.
35 .....	24°40.8'N.	81°34.2'W.
36 .....	24°48.0'N.	81°35.4'W.
37 .....	24°39.6'N.	81°35.4'W.
38 .....	24°39.6'N.	81°36.0'W.
39 .....	24°39.0'N.	81°36.0'W.
40 .....	24°39.0'N.	81°37.2'W.
41 .....	24°37.8'N.	81°37.2'W.
42 .....	24°37.8'N.	81°37.8'W.
43 .....	24°37.2'N.	81°37.8'W.
44 .....	24°37.2'N.	81°40.2'W.
45 .....	24°36.0'N.	81°40.2'W.
46 .....	24°36.0'N.	81°40.8'W.
47 .....	24°35.4'N.	81°40.8'W.
48 .....	24°35.4'N.	81°42.0'W.
49 .....	24°36.0'N.	81°42.0'W.
50 .....	24°36.0'N.	81°48.6'W.
51 .....	24°43.8'N.	81°48.6'W.

(15 CFR 922)

42/02

Page 55—table; read:

**GRECIAN ROCKS**

[Based on differential Global Positioning Systems data]

Point	Latitude	Longitude
1 .....	25°06.91'N.	80°18.20'W.
2 .....	25°06.67'N.	80°18.06'W.
3 .....	25°06.39'N.	80°18.32'W.
4 .....	25°06.42'N.	80°18.48'W.
5 .....	25°06.81'N.	80°18.44'W.
6 .....	25°06.91'N.	80°18.20'W.

(15 CFR 922)

42/02

Page 57 to Page 58—tables; read:

**IN THE VICINITY OF THE FLORIDA KEYS**[Reference Charts: United States 11466, 27<sup>th</sup> Edition—September 1, 1990 and United States 11450, 4<sup>th</sup> Edition—August 11, 1990]

Point	Latitude	Longitude
1 .....	25°45.00'N.	80°06.10'W.
2 .....	25°38.70'N.	80°02.70'W.
3 .....	25°22.00'N.	80°03.00'W.
4 .....	25°06.38'N.	80°10.48'W.

5 .....	24°56.37'N.	80°19.26'W.
6 .....	24°37.90'N.	80°47.30'W.
7 .....	24°29.20'N.	81°17.30'W.
8 .....	24°22.30'N.	81°43.17'W.
9 .....	24°28.00'N.	81°43.17'W.
10 .....	24°28.70'N.	81°43.50'W.
11 .....	24°29.80'N.	81°43.17'W.
12 .....	24°33.10'N.	81°35.15'W.
13 .....	24°33.60'N.	81°26.00'W.
14 .....	24°38.20'N.	81°07.00'W.
15 .....	24°43.20'N.	80°53.20'W.
16 .....	24°46.10'N.	80°46.15'W.
17 .....	24°51.10'N.	80°37.10'W.
18 .....	24°57.50'N.	80°27.50'W.
19 .....	25°09.90'N.	80°16.20'W.
20 .....	25°24.00'N.	80°09.10'W.
21 .....	25°31.50'N.	80°07.00'W.
22 .....	25°39.70'N.	80°06.85'W.
23 .....	25°45.00'N.	80°06.10'W.

**IN THE VICINITY OF KEY WEST HARBOR**[Reference Chart: United States 11434, 21<sup>st</sup> Edition—August 11, 1990]

Point	Latitude	Longitude
24 .....	24°27.95'N.	81°48.65'W.
25 .....	24°23.00'N.	81°53.50'W.
26 .....	24°26.60'N.	81°58.50'W.
27 .....	24°27.75'N.	81°55.70'W.
28 .....	24°29.35'N.	81°53.40'W.
29 .....	24°29.35'N.	81°50.00'W.
30 .....	24°27.95'N.	81°48.65'W.

**AREA SURROUNDING THE MARQUESAS KEYS**Reference Chart: United States 11434, 21<sup>st</sup> Edition—August 11, 1990]

Point	Latitude	Longitude
31 .....	24°26.60'N.	81°59.55'W.
32 .....	24°23.00'N.	82°03.50'W.
33 .....	24°23.60'N.	82°27.80'W.
34 .....	24°34.50'N.	82°37.50'W.
35 .....	24°43.00'N.	82°6.50'W.
36 .....	24°38.31'N.	81°54.06'W.
37 .....	24°37.91'N.	82°53.40'W.

**COAST PILOT 5 (Continued)**

38 .....	24°36.15'N.	81°51.78'W.
39.....	24°34.40'N.	81°50.60'W.
40.....	24°33.44'N.	81°49.73'W.
41 .....	24°31.20'N.	81°52.10'W.
42 .....	24°28.70'N.	81°56.80'W.
43 .....	24°26.60'N.	81°59.55'W.

**AREA SURROUNDING THE DRY TORTUGAS ISLANDS**

[Reference Chart: United States 11434, 21<sup>st</sup> Edition—August 11, 1990]

Point	Latitude	Longitude
44 .....	24°32.00'N.	82°53.50'W.
45 .....	24°32.00'N.	83°00.05'W.
46 .....	24°39.70'N.	83°00.05'W.
47 .....	24°45.60'N.	82°54.40'W.
48 .....	24°45.60'N.	82°47.02'W.
49 .....	24°42.80'N.	82°43.90'W.
50 .....	24°39.50'N.	82°43.90'W.
51 .....	24°35.60'N.	82°46.40'W.
52 .....	24°32.00'N.	82°53.50'W.

(15 CFR 922) 42/02

**COAST PILOT 5      29 Ed 2002      Change No. 28**

Page 22—Paragraphs 502 to 503; strike out.  
(LL/96) 42/02

Page 186—Paragraph 11, lines 1 to 4; read:

**Aids to navigation.**—Lights and buoys are the principal guides to mark the approaches to the important harbors. Many of the light stations have fog signals particularly those in the vicinity of the larger ports.

(LL/96) 42/02

Page 198—Paragraph 223, line 5; read:  
light or sound apparatus may be inoperative. Landmarks ...  
(LL/96) 42/02

Page 201—Paragraph 13; read:

**San Key Light** (24°27'12"N., 81°52'30"W.), 109 feet above the water, is shown from a white, square, pyramidal skeleton tower enclosing a stair cylinder and square dwelling.

(LL/02) 42/02

Page 239—Paragraph 323, lines 12 to 13; read:  
powerplant are conspicuous. The stacks at the turning basin, with alternating ...  
(LL/96) 42/02

Page 285—Paragraph 7, line 6; read:  
racon and a fog signal are at the light. **Southwest ...**  
(LL/02) 42/02

Page 285—Paragraph 8, line 5; read:  
fog signal is at South Pass West Jetty Light, ...  
(LL/02) 42/02

Page 288—Paragraph 64, lines 3 to 4; read:  
radar or radio bearings in conjunction with soundings.  
(LL/96) 42/02

Page 366—Paragraph 154; read:  
**Port Aransas Coast Guard Station** (27°50.3'N., 97°03.5'W.) is on the NE end of Mustang Island.  
(LL/96; NOS 11312) 42/02

**COAST PILOT 5      29 Ed 2002      Change No. 29**

Page 148—Paragraph 3632 to Page 149—Paragraph 3640; read:

(q) Moratorium on commercial vessel permits for king mackerel. This paragraph (q) is effective through October 15, 2005.

(1) No applications for additional commercial vessel permits for king mackerel will be accepted. Existing vessel permits may be renewed, are subject to the restrictions on transfer or change in paragraphs (q)(2) through (q)(5) of this section, and are subject to the requirement for timely renewal in paragraph (q)(6) of this section.

(2) An owner of a permitted vessel may transfer the commercial vessel permit for king mackerel issued under this moratorium to another vessel owned by the same entity.

(3) An owner whose percentage of earned income or gross sales qualified him/her for the commercial vessel permit for king mackerel issued under the moratorium may request that NMFS transfer that permit to the owner of another vessel, or to the new owner when he or she transfers ownership of the permitted vessel. Such owner of another vessel, or new owner, may receive a commercial vessel permit for king mackerel for his or her vessel, and renew it through April 15 following the first full calendar year after obtaining it, without meeting the percentage of earned income or gross sales requirement of paragraph (a)(2)(iii) of this section. However, to further renew the commercial vessel permit, the owner of the other vessel, or new owner, must meet the earned income or gross sales requirement not later than the first full calendar year after the permit transfer takes place.

(4) An owner of a permitted vessel, the permit for which is based on an operator's earned income and, thus, is valid only when that person is the operator of the vessel, may request that NMFS transfer the permit to the income-qualifying operator when such operator becomes an owner of a vessel.

(5) An owner of a permitted vessel, the permit for which is based on an operator's earned income and, thus, is valid only when that person is the operator of the vessel,

## SECTION II

NM 42/02

### COAST PILOT 5 (Continued)

may have the operator qualification on the permit removed, and renew it without such qualification through April 15 following the first full calendar year after removing it, without meeting the earned income or gross sales requirement of paragraph (a)(2)(iii) of this section. However, to further renew the commercial vessel permit, the owner must meet the earned income or gross sales requirement not later than the first full calendar year after the operator qualification is removed. To have an operator qualification removed from a permit, the owner must return the original permit to the RA with an application for the changed permit.

(6) NMFS will not reissue a commercial vessel permit for king mackerel if the permit is revoked or if the RA does not receive an application for renewal within 1 year of the permit's expiration date.

(50 CFR 622.4) 42/02

Page 175—Paragraph 4286; strike out.

(50 CFR 622.44) 42/02

Page 262—Paragraph 60, lines 6 to 13; read:

lights and a **123'35'** lighted range. The S side of the anchorage area is marked by daybeacons. (See Notice to Mariners and latest edition of the chart for controlling depths.) A barge channel extends 1.2 miles from the head of the turning basin. In January 2002, the controlling depth was 9.0 feet (11.6 feet at midchannel). A fixed highway bridge with a clearance of ...

(CL 1585/02; CL 1751/01;  
BP 177077; 24/02 CG8) 42/02

Page 275—Paragraph 294, line 11; read:

Channel Lighted Whistle Buoy GP (30°07'12"N., 88°52'42"W.) to 2 ...  
(LL/02) 42/02

### COAST PILOT 5      29 Ed 2002      Change No. 30

Page 35—Paragraph 8, lines 2 to 3; read:

and E apply to all thirteen National Marine Sanctuaries for which site-specific regulations appear in Subparts F through R, respectively.

(15 CFR 922) 42/02

Page 41—Paragraph 160, line 4; read:

Sanctuary, 1716 Briarcrest Drive, Suite 702, Bryan, TX

77802.  
(15 CFR 922)

42/02

Page 43—Paragraph 213; read:

The Sanctuary consists of all submerged lands and waters from the mean high water mark to the boundary described in Appendix I to this subpart, with the exception of areas within the Dry Tortugas National Park. Appendix I to this subpart sets forth the precise Sanctuary boundary established by the Florida Keys National Marine Sanctuary and Protection Act.

(15 CFR 922) 42/02

### COAST PILOT 5      29 Ed 2002      Change No. 31

Page 210—Paragraph 170, lines 5 to 6; read:

basin about 1.3 miles above the mouth of the river. In June 2002, the midchannel controlling depth was 4.8 feet. The channel is well ...

(CL 1521/02) 42/02

Page 226—Paragraph 66, lines 12 to 13; read:

Oceanographic Real Time System) at 727-822-0022 or 727-822-5836.

(CL 758/02) 42/02

Page 227—Paragraph 80, line 2; read:

with tugs up to 6,700 hp. Some tugs are equipped for fire-fighting...

(CL 758/02) 42/02

Page 366—Paragraph 141, line 9; read:

of 5.8 feet in July 2001. Privately maintained lights mark the S ...

(CL 1263/02) 42/02

Page 388—Paragraph 198, line 2; read:

the waterway at **Mile 234.2**. A marina is on the southeast side of the bridge with a reported approach depth of 6 feet through a marked channel.

(CL 758/02) 42/02

Page 399—Paragraph 432, lines 5 to 6; read:

and in the slip. In July 2001, 8.0 feet was reported in the entrance; thence in 2000, 7 to 13 feet was in the basin. Launching ...

(CL 1263/02; NOS 11314) 42/02

## SECTION II

NM 42/02

### WORLD PORT INDEX CORRECTIONS

**PUB 150**

**17 Ed 2000**

**LAST NM 40/02**

### EVEN PAGE CORRECTIONS

INDEX NUMBER	PORT	COUNTRY CODE	LATITUDE	LONGITUDE	PUBLICATION	CHART	HARBOR SIZE	HARBOR TYPE	SHELTER	TIDE				ENTRANCE RESTRICTIONS		CHANNEL	ANCHORAGE	CARGO PIER	OIL TERMINAL	TIDE	MAX SIZE VESSEL	GOOD HOLDING GROUND	TURNING AREA	
										SWELL	ICE	OTHER	OVERHEAD LIMITS	A	A	H	J							
14630	CALDERA	CI	2703S	07050W	125	22252	V	CN	F				Y	A	A	*		03	L				42/02	
48640	HANSTAL CREEK	IN	2256N	07024E	173	63065	V	RN	F	Y	N	N		K	L	P		15	L				42/02	
48760	BHAVNAGAR	IN	2146N	07214E	173	63092	S	RN	G	Y	N	N	Y	L	J	L		23	M				42/02	
48840	BOMBAY	IN	1850N	07250E	173	63103	L	CT	G	Y	N	N	Y	L	M	K	H	09	L				42/02	
48845	JAWAHARLAL NEHRU PORT	IN	1857N	07257E	173	63103	L	CT	G	Y	N	N	Y	J	H	K		09	L				42/02	
48970	MARMUGAO BAY	IN	1526N	07348E	173	63111	V	RN	G	N	N	N	Y	K	L	L	L	04	L	Y			42/02	
48990	KARWAR	IN	1449N	07407E	173	63110	V	CN	F	N	Y	N	Y	K	M	M	*	04	L				42/02	
49140	ALLEPPEY	IN	0929N	07619E	173	63210	S	OR	F	N	N	N	Y	L	A	P	*			Y			42/02	
49160	QUILON	IN	0853N	07635E	173	63210	S	CN	F	N	N	N	Y	L	L	G		02	M				42/02	
49170	TRIVANDRUM	IN	0829N	07657E	173	63210	V	OR	P	N	N	N	Y	E	E	P			M				42/02	
49240	COLOMBO	CE	0657N	07951E	173	63233	L	CB	F	N	N	N	Y	J	J	K	K	01	L	Y			42/02	
49320	TUTICORIN	IN	0848N	07810E	173	63250	S	OR	F	Y	N	N	Y	K	K	L	L	02	M	Y			42/02	
49460	MACHILIPATNAM	IN	1609N	08109E	173	63281	V	OR	P	N	N	N	Y	N	K	P		05	M				42/02	
49470	COCANADA BAY	IN	1700N	08219E	173	63290	S	OR	P	N	N	N	Y	P	L	P		03	M				42/02	
49550	BALESHWAR	IN	2129N	08657E	173	63320	V	RN	F	Y	N	N	Y	N	P	M	P		08	M				42/02
49580	MONGLA ANCHORAGE	BG	2228N	08935E	173	63331	S	RN	G	Y	N	N	Y	N	N	M				08	M			42/02
49660	MOULMEIN HARBOR	BM	1629N	09737E	173	63420	S	RN	G	Y	N	N	Y	N	O	M	N		10	M				42/02
49700	VICTORIA POINT HARBOR	BM	0959N	09833E	173	63440	V	CN	G	N	N	N	Y	N	F	H								42/02

## **SECTION II**

NM 42/02

## **PUB 150 (Continued)**

49740	NANCOWRY *		IN	0801N *	09331E *	173	63390	V	CN G	N	N	N	Y	N	A	B	O	04	Y	42/02
49770	BAN THA RUA HARBOR *		TH	0750N	09824E	174	71043	S	CN G	N	N	Y	N	M	M				42/02	

## **ODD PAGE CORRECTIONS**

INDEX NUMBER	1ST PORT OF ENTRY		U.S. REPRESENTATIVE		ETA MESSAGE		PILOTAGE		QUARANTINE		COMMUNICATION		LOAD/ OFFLOAD		MEDICAL FACILITIES		CRANES		LIFTS		LONGSHORE		SERVICES		SUPPLIES		REPAIR														
	COMPULSORY	AVAILABLE	LOCAL ASSIST	ADVISABLE	TUGS SALVAGE	TUGS ASSIST	PRACTIQUE	DERÄFT CERT	OTHER	TELEPHONE	TELEGRAPH	RADIO	RADIO TEL.	AIR	RAIL	WHARVES	ANCHOR	MED MOOR	BEACH MOOR	ICE MOOR	CARGAGE DISPOSAL	DEGAUSS	DIRTY BALLAST	FIXED	MOBILE	FLOATING	100 TONS PLUS	50 - 100 TONS	25 - 49 TONS	0 - 24 TONS	ELECT	STEAM	NAVIG EQUIP	ELECT REPAIR	PROVISIONS	WATER	FUEL OIL	DIESEL OIL	DECK	ENGINE	DRYDOCK
14630	Y	N	Y	Y			N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	*	N	Y		Y	Y	Y	Y	N	N	N	N	S	42/02										
48840	Y	Y	Y	*	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A L	42/02										
48845	Y	Y	*	*	Y		Y	N		Y	Y	Y				N				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	42/02								
49030	Y	N	Y	*	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	N	Y		Y	Y	Y	Y	Y	Y	Y	Y	C S	42/02										
49140	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	*	N	Y		Y			Y	N	N	N	N	N	N	42/02									
49200	Y	Y	*	*	Y	Y				Y	Y					N																42/02									
49450	Y	Y	Y	*	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	A M M	42/02										

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11675	HARRYS ROCK LIGHT HR East of rock.	42 17 13 N 70 55 54 W	Fl W 4s	26	5	NR on gray skeleton tower on pile structure.	*

42/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18905	- Approach Daybeacon 2					TR on pile.	*

42/02

18950	- LIGHT 3	38 19 35 N 76 27 06 W	Fl G 2.5s	15	3	SG on pile.
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42/02

#### Patuxent River

19040	- LIGHT 6A	38 18 45 N 76 27 17 W	Q R	18	3	TR on pile.
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42/02

\*Add Heading:  
\*Hawkins Point Pier

*20788	MILLENNIUM HAWKINS POINT OUTFALL LIGHT	39 12 15 N 76 31 46 W	Fl Y 4s	8	On pile.	Private aid.
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42/02

\*Delete Heading:  
\*Hawkins Point Pier

20790	Hawkins Point Buoy WR1					Green can.
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42/02

#### Blackwalnut Harbor

25815	- CHANNEL LIGHT 1	38 40 36 N 76 20 02 W	Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
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42/02

25820	- CHANNEL LIGHT 3		Fl G 6s	15	4	SG on slatted structure.
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42/02

25825	- CHANNEL LIGHT 5		Fl G 4s	15	4	SG on slatted structure.
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42/02

29820	- Channel Daybeacon 28	34 34 44 N 77 25 08 W				TR on pile.
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42/02

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1140	- <i>Lighted Buoy I</i>	24 43 32 N 82 52 00 W	Fl Y 4s		4	Yellow.	
		*					42/02
1150	- <i>Lighted Buoy K</i>	24 43 32 N 82 48 00 W	Fl Y 6s		5	Yellow.	
		*					42/02
1790.5	- Buoy 8A						<i>Remove from list.</i>
							*
							42/02
<b>Miami Turning Basin</b>							
10750	- <i>Articulated Light A</i>	25 47 05 N 80 10 49 W	Iso W 6s			NR on mast.	
		*					42/02
19870	Sanibel Marina Channel Daybeacon 1						<i>Remove from list.</i>
							*
							42/02
24725	- LIGHT 6		Fl R 4s	16	3	TR on pile.	
			*				42/02
27640	- Daybeacon 29						<i>Remove from list.</i>
							*
							42/02
27765	- Daybeacon 63						<i>Remove from list.</i>
							*
							42/02
27815	- Daybeacon 75						<i>Remove from list.</i>
							*
							42/02
27830	- Daybeacon 79						<i>Remove from list.</i>
							*
							42/02
27875	- Daybeacon 91						<i>Remove from list.</i>
							*
							42/02
27900	- Daybeacon 99						<i>Remove from list.</i>
							*
							42/02
<b>Biscayne Bay</b>							
50090	PELICAN BANK SHOAL LIGHT	25 26 42 N 80 17 05 W	Fl W 4s	16	5	NW on pile worded DANGER SHOAL.	
		*					42/02
50095	Pelican Bank East Shoal Daybeacon	25 26 30 N 80 17 23 W				NW on pile worded DANGER SHOAL.	
		*					42/02

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
50120	- LIGHT 9	25 23 07 N 80 15 59 W	Fl G 4s	16	4	SG-SY on pile.	
		*					42/02
50125	- LIGHT 10	25 22 48 N 80 15 59 W	Fl R 6s	16	4	TR-TY on pile.	
		*					42/02
50130	- Daybeacon 11	25 22 47 N 80 16 16 W				SG-SY on pile.	
		*					42/02
<b>ST. LUCIE INLET TO FORT MYERS AND LAKE OKEECHOBEE (Chart 11428)</b>							
<b>Okeechobee Waterway</b>							
<b>St. Lucie River</b>							
50635	- Lighted Buoy 2	27 10 02 N 80 10 56 W	Fl R 4s		3	Red nun.	
		*					42/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*615	Walter-115-3 Buoy Marks subsea installation.	28 25 48 N 90 08 05 W				White with orange bands.	SIGN: WOG-GI-101-1 Private aid.
							42/02
*6167	- WRECK LIGHT WR12A	30 27 02 N 88 06 31 W	Q R		17	3 TR on pile.	
							42/02
*6297	- Lighted Buoy WR17A	30 31 27 N 88 05 43 W	Q G		4	Green.	
							42/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
665	Cape Kiwanda Bell Buoy CK	45 13 04 N 123 59 26 W				Yellow.	
		*					42/02
12306	TIDEWATER MOORING BARGE LIGHT A	45 40 13 N 120 50 54 W	Fl Y 10s	13		On mooring barge.	Private aid.
		*		*			42/02
12311	TIDEWATER MOORING BARGE LIGHT B	45 40 11 N 120 50 57 W	Fl Y 10s	13		On mooring barge.	Private aid.
		*		*			42/02

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13095	KENNEWICK WATER INTAKE LIGHTS (2)	46 12 54 N 119 06 18 W	F R	31		On corners of structure.	Private aids.
		*		*		*	42/02
16285	- Lighted Buoy 2	48 08 20 N 123 23 58 W	Fl R 2.5s		4	Red.	
		*		*		*	42/02
16370	Rosario Strait Traffic Lane Separation Lighted Buoy RA	48 19 45 N 122 58 39 W	Fl Y 4s		5	Yellow.	RACON: N (- •)
		*		*		*	42/02
16805	West Point Lighted Buoy 1	47 39 37 N 122 26 28 W	Fl G 4s		5	Green.	
		*		*		*	42/02
17930	AGATE PASSAGE LIGHT 2	47 43 19 N 122 33 22 W	Fl R 4s	20	5	TR on dolphin.	
		*					42/02
17935	Agate Point Buoy 2A						Remove from list.
							*
19505	Sinclair Island Lighted Bell Buoy 4	48 38 17 N 122 40 05 W	Fl R 2.5s		4	Red.	
		*		*		*	42/02
19520	- Traffic Lane Lighted Buoy C	48 40 33 N 122 42 49 W	Fl Y 4s		5	Yellow.	RACON: N (- •).
		*		*		*	42/02
19805	SKIPJACK ISLAND LIGHT	48 43 58 N 123 02 21 W	Fl W 4s	18	7	NB on steel tower.	Obscured from 261° to 347°.
		*		*	*	*	42/02
27415	ISANOTSKI STRAIT LIGHT 2	54 48 54 N 163 21 42 W	Fl R 4s	17	4	TR on skeleton tower.	Obscured from 160° to 324°.
		*		*	*	*	42/02
27425	IKATAN POINT LIGHT	54 46 30 N 163 11 03 W	Fl W 4s	81	6	NR on skeleton tower.	Obscured from 297° to 063°.
		*		*	*	*	42/02

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## SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*15021 - Pointe Seraphine. J 5793.5		14° 00.8' N 60° 59.8' W	Q.Y.	13 4	2	Dolphin.	
							42/02
15650.1 - Rear. J 4422.51		21° 30.9' N 87° 41.3' W	Iso.W. period 2s	43 13	9	Concrete tower.	
				*	*	*	42/02
18412 - Mocangue, W. pier, head. G 0381.8		22° 51.8' S 43° 08.3' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	23 7	5	Red metal post; 20.	F.Y. mark pier heads on N. and E. sides of Ilha do Mocangue.
					*		42/02

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*295 - No. "3".		0° 59.9' N 79° 38.0' W	Fl.G. period 4s fl. 0.3s, ec. 3.7s	20 6	4	Metal structure.	
							42/02
<b>*Add Heading: *CANAL FALLOS</b>							
*2055 - Isla Campino. G 1558.45		47° 57.2' S 75° 15.8' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	49 15	14	White fiberglass tower, red band; 13.	
-RACON		<b>M(—)</b>					
							42/02
8680 - Thistle Island, Waterhouse Point. K 1872.5		35° 03.7' S 136° 12.0' E	Fl.W. period 7.5s	161 49	18	White fiberglass hut; 13.	
*							42/02
8748 Flinders Island. K 1858		33° 40.9' S 134° 30.9' E	Fl.(2)W. period 10s	220 67	11	White round steel tower; 13.	
				*			42/02
*14636.5 Islote El Pardito. G 3565.58		24° 51.0' N 110° 36.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	25 8	10	Metal tower; 25.	
							42/02
14756 San Felipe. G 3542		31° 03.0' N 114° 49.0' W	Fl.W. period 6s fl. 1s, ec. 5s	115 35	13	White round concrete tower; 72. Aeromarine light.	
*				*	*		42/02

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## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7235 <i>F 5957.52</i>	Hannon Ko, outer breakwater.	34° 25.4' N 135° 18.6' E	Fl.(2)R. period 5s	43 13	4	Red tower; 28.	
*		*	*		*		42/02
7236 <i>F 5957.4</i>	Sano Gyoko.	34° 25.4' N 135° 18.9' E	Fl.G. period 4s	43 13	3	White tower; 28.	
*		*	*		*	*	42/02
15352 <i>F 8153</i>	Mys Korobitsina.	62° 49.8' N 179° 34.3' E	Fl.W. period 6s	180 55	8	Metal framework tower, cylindrical daymark, red and white bands; 39.	Shown Jul. 20 to Nov. 1.
*				*	*	*	42/02
15356 <i>F 8159</i>	Mys Barykova.	63° 05.8' N 179° 26.8' E	Fl.W. period 4s	338 103	9	Red octagonal concrete tower; 26.	Shown Jul. 20 to Nov. 1.
*				*	*	*	42/02
*16551 Hosan Hang.		37° 10.5' N 129° 21.1' E	Fl.R. period 5s	46 14	5	Red round steel tower; 33.	
							42/02
*16551.1 -Hosan groin.		37° 10.5' N 129° 21.0' E	Fl.G. period 5s	46 14	5	White round steel tower; 33.	
							42/02
*17501.2 -Hyeopjae Hang, breakwater.		33° 23.9' N 126° 14.5' E	Fl.G. period 4s	36 11	5	White round steel tower; 25.	
							42/02
*17519.5 -Biyang Do.		33° 26.8' N 126° 16.6' E	V.Q.W.	49 15	7	N. CARDINAL BY, beacon, topmark; 53.	
							42/02
*18878 Mapigu. <i>F 3740.02</i>		30° 40.4' N 122° 24.6' E	Fl.(3)W. period 10s	420 128	9	White conical concrete structure, red bands; 52.	
							42/02
*18878.5 Neimati. <i>F 3740.025</i>		30° 40.3' N 122° 26.1' E	Fl.W. period 1.5s	36 11	9	White conical concrete structure; 25.	
							42/02
*18879.1 Dahuanglong. <i>F 3740.06</i>		30° 40.0' N 122° 34.7' E	Fl.W. period 4s	299 91	9	White conical concrete structure, red bands; 52.	
							42/02
*18879.5 Nandingxing. <i>F 3740.055</i>		30° 38.9' N 122° 30.6' E	Fl.(2+1)W. period 9s	423 129	15	White conical concrete structure, red bands; 55.	
RACON			Y(- - -)				42/02
*18879.6 Xiaobanian Shan. <i>F 3739</i>		30° 37.5' N 122° 28.3' E	Fl.(2)W. period 6s	236 72	9	White conical concrete structure, red bands; 52.	
							42/02

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## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*19779 <i>F 3452</i>	Tonggu Jiao.	22° 22.5' N 113° 37.4' E	Fl.(2)W. period 6s	180 55	18	White round stone tower and building; 36.	42/02
*21595 <i>F 1700.5</i>	Pasir Panjang Terminal, PPT-1.	1° 17.1' N 103° 45.2' E	Fl.G. period 5s	16 5	3	STARBOARD (A) G, beacon, topmark.	42/02
*21595.1 <i>F 1700.52</i>	-PPT-2.	1° 17.1' N 103° 45.4' E	Fl.(2)G. period 10s	16 5	3	STARBOARD (A) G, beacon, topmark.	42/02
*22215 <i>F 2025.9</i>	Hin Khi Nok.	8° 36.2' N 98° 13.7' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	30 9	8	White metal structure on concrete base; 16.	42/02
*24799 <i>F 2025.9</i>	Tg. Pokoayi.	0° 10.8' N 117° 30.1' E	Mo.(U)W. period 15s fl. 0.6s, ec. 0.6s fl. 0.6s, ec. 0.6s fl. 1.8s, ec. 10.8s	49 15	6	White beacon.	42/02
*25248.5 <i>K 1572.5</i>	Karang Pagaimana.	0° 47.3' S 122° 39.2' E	Fl.R. period 4s fl. 0.5s, ec. 3.5s	26 8	10	PORT (A) R, beacon, topmark.	42/02

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *SETUBAL:</b>							
D 2150.22	-Beacon No. "2".	38° 27.1' N 8° 58.4' W	Fl.(2)R. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	46 14	9	Red cylindrical column, quadrangular top; 16.	Radar reflector.
	-RACON		B(-...-) period 60s		15		
D 2151	-Entrance Range, front, E. mole, head.	38° 31.2' N 8° 53.9' W	Iso.Y. period 6s	39 12	22	Tower, red and white bands, white lantern; 33.	42/02
D 2151.1	--Azeda, rear, 2.8 km. 039°42' from front.	38° 32.3' N 8° 52.7' W	Iso.Y. period 6s	200 61	22	Round tower, red and white bands, red lantern; 102.	Visible 038°18'-041°18'.
	*	*	*	*	*		42/02

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8196 <i>E 0940</i>	-Isola Razzoli, strait, SE side..	41° 18.4' N 9° 20.4' E	Fl.W.R. period 2.5s fl. 0.1s, ec. 2.4s	253 <b>77</b>	W. 19 R. 15	Conical truncated stone tower; 39.	W. 022°-092°, R.-137°, W.-237°, R.-320°.
-RACON			M(- -) period 30s		6		
	*	*	*		*		42/02
19448 <i>E 5794</i>	Cam Burnu.	41° 07.0' N 37° 47.3' E	Fl.W. period 10s fl. 1s, ec. 9s	127 <b>39</b>	18	White stone tower on hut; 20.	
	*				*		42/02
*19973 <i>E 4655.2</i>	-Dalyan.	38° 21.5' N 26° 19.1' E	Fl.W. period 5s fl. 1s, ec. 4s	33 <b>10</b>	7	Metal tower.	
							42/02
20752 <i>E 5873.8</i>	Deli Burnu.	36° 43.4' N 34° 54.5' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	33 <b>10</b>	9	White lattice mast; 26.	
	*						42/02

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13000 <i>C 3996</i>	Mys Ustinskiy.						Remove from list.
							*
							42/02

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## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 42/02

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
<b>NIMA HYDRO CATALOG CATP2V01U</b>								
Region 1	2000	34*,35,37,38,40,41, 42,43,45,46,47,50, 51/00;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 16,17,18,19,20,21, 22,23,24,25,26,28, 29,30,33,34,35,36, 37,39,40,41,42,43, 44,45,46,47,48,49, 50,52/01;1,2,3,5,6,7, 8,9,10,12,13,15,18, 19,20,21,22,23,26, 28,30,31,34,35,36, 37,38,39,41,42/02	SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42/02	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42/02
Region 2	2000	34*,40,43/00;4,23, 30,35,39,42,45, 46/01;5,11,13,15,19, 22,24,26,28,41/02	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01; 11,12,13,14,15,16, 22,23,27,36,37, 42/02
Region 3	2000	34*,44,48/00;21, 40/01;17,19,40/02	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34/02	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26/02
Region 4	2000	34/00*:3/01;13, 20/02	SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	SDPUB194	2000	51/00*:9,11,24,26, 29,32,34,35/01;11, 14,18,19,20,22,23, 24,25,26,27,29,30, 33/02
Region 5	2000	34*,37,40,42,47/00; 2,3,4,17,20,21,29, 40,41,45/01;6,8,13, 14,19,22,29/02	SDPUB126	2002	39*,41,42/02	SDPUB195	2002	33*,40/02
Region 6	2000	34*,35,45,52/00;2, 14,29,36,41,46, 51/01;12,14,15,17, 19,26/02	SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41/02	SDPUB200	2002	37*,39,42/02
Region 7	2000	34/00*:2,10,35, 41/01;18,25/02	SDPUB131	2000	13*,18,21,25,29,30, 33,37,51/00;4,15,19, 28,49,52/01;22,23, 24,25,26,27,32,33, 37,38,39,40/02	<b>USCG LIGHT LIST VOLUMES I - VII</b>		
Region 8	2000	34/00*:1,38/02	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02	COMDTM165021	2002	30*,31,32,33,34,35, 36,37,39,40,41, 42/02
Region 9	2000	34/00*:23,41,48/01; 13,15,18,19,21, 23/02	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42/02	COMDTM165022	2002	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41, 42/02
Miscellaneous Charts and Publications	2000	34*,35,36,37,39,40, 44,45,46,47,49,50, 51,52,53/00;1,2,3,4, 5,6,7,8,9,11,12,14, 15,16,17,18,19,20, 21,22,23,26,27,28, 29,30,31,32,34,35, 36,37,38,39,40,41, 42/02	SDPUB141	2001	21*,38/01	COMDTM165023	2002	35*,36,37,40,41, 42/02
			SDPUB142	2000	49/00*:3,31,35/01; 1,15/02	COMDTM165024	2002	30*,31,32,33,34,35, 36,37,40,41,42/02
			SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02	COMDTM165025	2002	16/02*
			SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165026	2002	35*,36,40,41,42/02
			SDPUB146	2000	26*,28,32,33,38,45, 46,48,51/00;25,10, 27,28,29,31,38/01;	COMDTM165027	2002	16*,17,18,19,20,21, 22,23,25,27,29,30, 32,33,34,36,37, 40/02
			SDPUB147	2001	15,29/02	<b>FLEET GUIDES</b>		
			SDPUB148	2001	35/01*:21,22,23, 24/02	FGPUB940ATL	2001	N47/01*
			SDPUB153	2000	48/01*:23,24/02	FGPUB941PAC	2001	N22/01*
			SDPUB154	2002	6/01*:28,30,41/02	<b>NOS MISCELLANEOUS PUBLICATIONS</b>		
			SDPUB155	2001	17*,19,31,42/02	NOSPBCATALOG1	2000	20/00*
			SDPUB157	2000	31*,48/01;10/02	NOSPBCATALOG2	2000	34/00*
			SDPUB158	2000	20*,27,29,33,34,35, 38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02	NOSPBCATALOG3	2000	28/00*
			SDPUB159	2002	50/00*:5,10,12,13, 15,17,20,24/01	NOSPBCATALOG4	2000	34/00*
			SDPUB160	1998	42/02*	<b>ALMANACS</b>		
			SDPUB161	2002	20*,21,27,31,38,46, 47,48,50,51/98;7,12, 30,35,50,51,52/99;1, 11,43,44,48,51/01;1, 7,8,13,15,21,23,25, 30/02	AIRALMANAC201	2002	46/01*
			SDPUB162	2001	23*,24/02	NAUTALMANAC02	2002	46/01*
			SDPUB163	2002	51/01*	<b>COAST PILOT</b>		
			SDPUB164	2000	18*,20,21,26/02	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42/02
			SDPUB171	2001	30/00*:31,35,36/01	NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42/02
			SDPUB172	2001	40*,47,48,52/01;5,9, 14,16,41/02	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42/02
			SDPUB173	2000	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02	NOSPBCP4	33	35*,37,39,41,47, 51/01;1,5,7,12,15, 16,18,19,20,21,22, 23,25,27,28,30,33, 34,42/02
			SDPUB174	2000	8*,10,17,29/00;43, 45,51,52/01;13,14, 17,22,24,26,27, 31/02	NOSPBCP5	29	49*,51/01;1,6,12,13, 15,16,17,20,21,33, 34,37,39,42/02
			SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41/02	NOSPBCP6	32	19*,20,21,33,39/02
			SDPUB180	2002	32*,33,42/02	NOSPBCP7	33	46*,47/01;1,5,12,15, 19,20,21,22,23,25, 33,34,37,39/02
			SDPUB181	2002	38*,39/02	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40/02
			SDPUB182	2001	8*,10,12,41/02	NOSPBCP9	20	12*,20,23,33,37/02
			SDPUB183	2001	27/01*;13,15,16/02			

## SECTION II

**PUBLICATIONS AFFECTION BY NOTICE TO MARINERS  
THROUGH NM 42/02**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
<b>RADIO NAVIGATIONAL AIDS</b> RAPUB117	2001	11*,12,13,14,15,16, 17,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,36,37,38, 39,40,42,44,47,48, 49,50/01		
<b>AMERICAN PRACTICAL NAVIGATOR</b> NVPUB9	2002	36/02*		
<b>INTERNATIONAL CODE OF SIGNALS</b> NVPUB102	1999	46/99*;52/01		
<b>WORLD PORT INDEX</b> NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42/02		
<b>DISTANCES BETWEEN PORTS</b> NVPUB151	2001	4/02*		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b> CDPUBNV1310	2001	51/01*		
<b>SIGHT REDUCTION TABLES (MARINE)</b>				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b>				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N20/89*		
<b>ATLAS OF PILOT CHARTS</b> NVPUB107	1998	30/99*		
<b>USCG NAVIGATION RULES</b> COMDTM166722D	1999	44/99*;52/00		
<b>NOS TIDE TABLES</b>				
NOSPBTTCWPACIN2	2002	N52/01*		
NOSPBTTECSTNSA2	2002	N52/01*		
NOSPBTTEURAFR2	2002	N52/01*		
NOSPBTWCSTNSA2	2002	N52/01*		
<b>TIDAL CURRENT TABLES</b>				
NOSPBTCTATCSTN2	2002	N52/01*;N9/02		
NOSPBTCTPACAS2	2002	N52/01*		

## SECTION III

NM 42/02

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 031200Z October 2002:

2001 series	219(GEN)	348(GEN)	367(GEN)	372(11)	380(11,26)
393(GEN)	332(GEN)	351(11)	368(26)	376(GEN)	
2002 series	346(GEN)	365(14)	370(11,26)	377(14)	

The summary of all NAVAREA IV messages in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### NAVAREA IV WARNINGS issued from 261200Z September to 031200Z October 2002.

368/02(26). CARIBBEAN SEA.

1. DERELECT 40 FOOT M/V, WHITE HULL WITH BLUE TRIM,  
PARTIALLY SUBMERGED AND ADRIFT IN 11-19N 078-03W.
2. CANCEL THIS MSG 04 OCT.

(270205Z SEP 2002)

369/02. CANCELED.

370/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 300400Z SEP TO 060359Z OCT IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-34N 080-33W.
  - B. 300400Z SEP TO 060359Z OCT IN AREA BETWEEN  
29-20N 29-10N AND 079-50W 079-40W.
  - C. 031200Z TO 031500Z OCT IN AREA BOUND BY  
30-35N 081-21W, 30-35N 081-00W,  
30-00N 081-02W, 30-00N 081-15W.
2. CANCEL THIS MSG 060459Z OCT.

(271215Z SEP 2002)

371/02. CANCELED.

372/02(11). NORTH ATLANTIC. FLORIDA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1300Z TO 0500Z COMMENCING DAILY  
01 THRU 04 OCT IN AREA BETWEEN 30-00N 29-50N AND 81-00W 80-50W.
2. CANCEL THIS MSG 050600Z OCT.

(301829Z SEP 2002)

373/02 thru 375/02. CANCELED.

376/02(GEN).

1. NAVAREA IV MESSAGES IN FORCE 021000Z OCT 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 332(GEN), 346(GEN), 348(GEN), 351(11), 365(14),  
367(11), 368(26), 370(11,26), 372(11), 374(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
3. CANCEL NAVAREA IV 364/02.

(021010Z OCT 2002)

377/02(14). NORTH ATLANTIC.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V ZEPHYR 1 TOWING 8300 METER LONG CABLE  
IN AREA BOUND BY 48-42N 052-42W,  
52-50N 051-23W, 52-41N 049-14W,  
48-37N 045-11W, 45-42N 047-57W.  
WIDE BERTH REQUESTED.

(021403Z OCT 2002)

378/02 and 379/02. CANCELED.

**SECTION III**

380/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 071930Z TO 072101Z OCT,  
ALTERNATE 081904Z TO 082039Z OCT IN AREAS BOUND BY:  
A. 28-38N 080-43W, 28-57N 080-21W,  
28-52N 080-15W, 28-31N 080-35W.  
B. 30-02N 079-51W, 30-49N 079-07W,  
30-06N 078-16W, 29-26N 079-09W.
2. CANCEL NAVAREA IV 379/02.
3. CANCEL THIS MSG 082139Z OCT.

(031140Z OCT 2002)

## SECTION III

### HYDROLANTS

Messages in force 031200Z October 2002:

2000 series	1885(44)	383(53)	1950(54)	2149(23,24)	2184(51)
1166(35,37,43)	2066(37)	946(53)	1952(54)	2150(24)	2185(37)
1569(36)	2659(GEN)	1065(53)	1969(37)	2153(52,53)	2186(36)
2353(36)	2700(37)	1066(37)	1986(GEN)	2155(51)	2187(53)
2937(38)	2706(37)	1159(51)	2027(GEN)	2156(GEN)	2189(24)
2970(51)	2864(53)	1191(37)	2029(53)	2158(35)	2190(24)
3589(37)	2916(37)	1290(53)	2033(GEN)	2161(23,29)	2191(24)
3762(43)	2948(36)	1485(24)	2037(57)	2164(53)	2192(55)
4265(44)	3161(44)	1798(43)	2055(53)	2171(57)	2193(GEN)
2001 series	2002 series	1867(36,37)	2074(52,53)	2175(52)	2194(24)
470(53)	11(54)	1895(23)	2089(24)	2176(54)	2195(55)
611(44)	134(37)	1906(55)	2099(55)	2177(55)	2196(53)
1116(36)	245(GEN)	1911(53)	2105(53)	2179(52,53)	2198(24)
1240(53)	246(GEN)	1921(GEN)	2117(GEN)	2180(51)	
1584(54)	321(52)	1924(53)	2139(53,54)	2181(24)	
1798(37)	349(54)	1942(24)	2146(52,53)	2182(24)	

The summary of all HYDROLANTS in force as of 13 December 2001 is given in Section III of NM 52/01.  
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### HYDROLANT WARNINGS issued from 261200Z September to 031200Z October 2002.

2158/02(35). SCOTLAND. RADIO SERVICES.

1. MRCC CLYDE 56-30N 006-59W MF DSC UNRELIABLE.
2. CANCEL HYDROLANT 2137/02(38).
3. CANCEL HYDROLANT 1801/02.

(261240Z SEP 2002)

2159/02 and 2160/02. CANCELED.

2161/02(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 26 SEP:
  - A. A-38A, 22 MILES BY 48 MILES IN 64-24S 054-12W.
  - B. A-38B, 22 MILES BY 25 MILES IN 64-12S 055-06W.
  - C. A-38C, THREE MILES BY TEN MILES IN 64-18S 055-12W.
  - D. A-38D, TWO MILES BY TEN MILES IN 64-36S 055-24W.
  - E. A-43B, 13 MILES BY 40 MILES IN 59-12S 048-18W.
  - F. A-43C, 24 MILES BY 41 MILES IN 60-30S 043-06W.
  - G. A-43G, NINE MILES BY 51 MILES IN 58-24S 042-24W.
  - H. A-43I, TWO MILES BY 12 MILES IN 60-12S 043-00W.
  - I. A-46, FOUR MILES BY 11 MILES IN 59-12S 047-06W.
  - J. A-47, NINE MILES BY 14 MILES IN 60-18S 052-30W.
  - K. A-48, NINE MILES BY TEN MILES IN 64-24S 057-30W.
  - L. A-50, TWO MILES BY 11 MILES IN 64-36S 056-30W.
  - M. B-09A, 15 MILES BY 22 MILES IN 60-12S 044-06W.
2. CANCEL THIS MSG 04 OCT.

(270600Z SEP 2002)

2162/02 and 2163/02. CANCELED.

2164/02(53). STRAIT OF SICILY.

1. FISHING NET WITH WHITE FLOATS ADRIFT IN 36-09N 012-32E.
2. CANCEL HYDROLANT 2133/02, AID RESTORED.
3. CANCEL THIS MSG 04 OCT.

(271610Z SEP 2002)

2165/02 thru 2170/02. CANCELED.

2171/02(57). NIGERIA.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE BY BARGE LB200 ALONG TRACKLINE BETWEEN  
04-12.0N 007-08.6E AND 05-18.5N 005-08.0E.  
TWO MILE BERTH REQUESTED.

(290830Z SEP 2002)

2172/02 thru 2174/02. CANCELED.

2175/02(52). TUNISIA-NORTH COAST. GUNNERY.

1. GUNNERY EXERCISES 01 THRU 12 OCT IN AREA  
BETWEEN 37-25N 37-19N AND 009-39E 009-49E.
2. CANCEL THIS MSG 13 OCT.

(301427Z SEP 2002)

## SECTION III

2176/02(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 040500Z TO 041100Z OCT IN AREA  
BOUND BY 43-36.0N 015-42.0E, 43-33.0N 015-46.3E,  
43-20.3N 015-37.3E, 43-30.0N 015-24.0E.
2. CANCEL THIS MSG 041200Z OCT.

(301435Z SEP 2002)

2177/02(55). BLACK SEA.

- SURVEY OPERATIONS 02 OCT UNTIL FURTHER NOTICE BY  
M/V YANTAR AND M/V IMPULS IN AREAS BOUND BY:  
A. 43-25N 037-18E, 45-09N 036-32E, 43-25N 039-30E.  
B. 43-23N 040-00E, 43-20N 040-00E, 43-20N 038-00E,  
44-00N 038-00E, 44-00N 037-00E, 44-40N 037-00E,  
44-40N 036-30E, 45-20N 036-30E, 45-20N 037-00E.

(301502Z SEP 2002)

2178/02. CANCELED.

2179/02(52,53). TYRRHENIAN SEA. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS 0700Z TO 1530Z DAILY:
  - A. 01 THRU 04, 07 THRU 11, 14 THRU 18, 21 THRU 25 AND  
28 THRU 31 OCT IN AREA BOUND BY 40-00N 010-00E,  
40-00N 010-30E, 39-10N 010-30E, 39-10N 010-00E,  
39-26N 009-38E, 39-38N 009-38E.
  - B. 01 THRU 04 AND 07 THRU 11 OCT IN AREA BOUND BY  
40-15N 010-00E, 40-15N 011-31E, 40-11N 011-33E,  
39-32N 011-38E, 38-52N 011-28E, 39-10N 010-00E,  
39-28N 009-38E, 39-43N 009-40E.
  - C. 01 THRU 04 OCT IN AREA BOUND BY  
40-37N 009-50E, 40-40N 010-35E, 40-40N 010-50E,  
39-20N 010-50E, 39-20N 009-47E, 39-24N 009-40E.
  - D. 07 THRU 11 OCT IN AREA BOUND BY  
40-37N 009-54E, 40-42N 011-17E, 40-11N 011-33E,  
39-46N 011-36E, 39-02N 010-17E, 39-04N 010-08E,  
39-26N 009-38E.
2. CANCEL HYDROLANT 2144/02, OPERATIONS COMPLETED.
3. CANCEL THIS MSG 311630Z OCT.

(301747Z SEP 2002)

2180/02(51). PORTUGAL TO AZORES.

VESSEL YUREMA UNREPORTED CASCAIS TO LAS PALMAS.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC LISBOA.

(301925Z SEP 2002)

2181/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 050300Z OCT  
BY M/V VERITAS VIKING I TOWING SIX 6000 METER  
LONG CABLES IN AREA BOUND BY  
24-40.3S 045-15.3W, 24-40.3S 044-52.5W,  
25-55.0S 045-09.2W, 25-55.0S 045-31.6W.  
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1972/02(57).
3. CANCEL THIS MSG 050400Z OCT.

(010640Z OCT 2002)

2182/02(24). BRAZIL-NORTHEAST COAST.

CHART 24230 (20TH ED).

1. RACON, RADIOBEACON AND DGPS STATION AT  
PONTA DE CALCANHAR LIGHT 05-10S 035-29W  
INOPERATIVE 02 OCTRU 20 OCT.
2. CANCEL THIS MSG 21 OCT.

(010840Z OCT 2002)

2183/02. CANCELED.

2184/02(51). NORTH ATLANTIC. SENEGAL.

DERELICT M/V JOOLA AGROUND IN 13-15.2N 016-59.3W.  
SALVAGE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE.  
WIDE BERTH REQUESTED.

(011120Z OCT 2002)

2185/02(37). DOVER STRAIT.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 032200Z OCT  
BY M/V COTES DE LA MANCH WITHIN THREE MILES OF  
51-00N 001-30E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 032300Z OCT.

(011417Z OCT 2002)

### SECTION III

NM 42/02

2186/02(36). IRISH SEA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V HIGHLAND FORTRESS TOWING SUBMERSIBLE WITHIN  
EIGHT MILES OF 53-50.8N 003-34.8W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2090/02(37), AID RESTORED.

(011443Z OCT 2002)

2187/02(53). SICILIA-NORTHEAST COAST.

- CHART 53181 (4TH ED).
1. CAPO DI MILAZZO LIGHT 38-16.1N 015-13.9E UNLIT.
  2. CANCEL HYDROLANT 1933/02(51,52), AID RESTORED.

(011740Z OCT 2002)

2188/02. CANCELED.

2189/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 04 OCT BY  
M/V BULLDOG TOWING TWO 15 METER LONG CABLES  
IN AREA BOUND BY 04-46.0S 036-48.7W,  
04-42.5S 036-47.2W, 04-34.0S 036-49.8W,  
04-34.9S 036-55.5W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 05 OCT.

(020805Z OCT 2002)

2190/02(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 050259Z OCT BY  
M/V CGG HARMATTAN TOWING EIGHT 4500 METER  
LONG CABLES IN AREA BETWEEN 22-16S 21-58S AND  
040-08W 039-48W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 050359Z OCT.

(020810Z OCT 2002)

2191/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 050259Z OCT BY  
M/V CGG ALIZE TOWING EIGHT 7000 METER LONG  
CABLES IN AREA BETWEEN 26-50S 26-00S AND  
044-45W 045-50W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 050359Z OCT.

(020815Z OCT 2002)

2192/02(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 070900Z TO 071500Z OCT AND  
1500Z TO 1730Z DAILY 08 THRU 10 OCT IN AREA BOUND BY  
44-43.8N 032-52.2E, 44-34.0N 032-36.0E,  
44-37.6N 032-12.0E, 44-48.4N 032-08.2E,  
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL HYDROLANT 1847/02(56) AND 1848/02(56).
3. CANCEL THIS MSG 101830Z OCT.

(020840Z OCT 2002)

2193/02(GEN).

1. HYDROLANT MESSAGES IN FORCE 021000Z OCT 2002. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 1867(36,37), 1895(23), 1906(55), 1911(53),  
1921(GEN), 1924(53), 1942(24), 1950(54), 1952(54), 1969(37),  
1986(GEN), 2027(GEN), 2029(53), 2033(GEN), 2037(57), 2055(53),  
2074(52,53), 2089(24), 2099(55), 2105(53), 2117(GEN),  
2139(53,54), 2146(52,53), 2149(23,24), 2150(24), 2153(52,53),  
2155(51), 2156(GEN), 2158(35), 2161(23,29), 2164(53), 2167(24),  
2171(57), 2173(24), 2174(24), 2175(52), 2176(54), 2177(55),  
2178(54), 2179(52,53), 2180(51), 2181(24), 2182(24), 2184(51),  
2185(37), 2186(36), 2187(53), 2188(35,37), 2189(24), 2190(24),  
2191(24), 2192(55).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF  
13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS  
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED  
IN NM 13/02 AND 26/02.
3. CANCEL HYDROLANT 1780/02, 1817/02, 1825/02, 2061/02, 2119/02.

(021110Z OCT 2002)

2194/02(24). SOUTH ATLANTIC. GUNNERY.

1. GUNNERY EXERCISES 031500Z TO 032359Z OCT IN AREA  
BETWEEN 35-10S 35-30S AND 055-00W 054-26W.
2. CANCEL THIS MSG 040059Z OCT.

(021318Z OCT 2002)

SECTION III

2195/02(55). BLACK SEA. MISSILES. GUNNERY.

1. HAZARDOUS OPERATIONS 070900Z TO 071500Z OCT  
IN AREA BOUND BY 44-38.8N 032-11.5E,  
44-48.4N 032-08.3E, 45-00.2N 032-14.2E,  
44-52.2N 032-41.6E, 44-43.8N 032-52.2E,  
44-34.8N 032-37.4E.
2. CANCEL HYDROLANT 2167/02(24), 2194/02 REFERS.
3. CANCEL THIS MSG 071600Z OCT.

(021443Z OCT 2002)

2196/02(53). TYRRHENIAN SEA.

VESSEL SUCCESS SINKING VICINITY 41-58N 011-00E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ROME RADIO  
OR MRCC ROME, PHONE: 390 6592 4145, FAX: 390 6592 2737.

(021523Z OCT 2002)

2197/02. CANCELED.

2198/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 05 OCT BY M/V RAMFORM EXPLORER  
TOWING EIGHT 6853 METER LONG CABLES IN AREA BOUND BY  
00-31.0S 044-17.4W, 00-08.6S 043-52.5W,  
00-15.2S 043-43.7W, 00-45.0S 044-17.2W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2173/02 AND 2178/02(54).
3. CANCEL THIS MSG 06 OCT.

(030940Z OCT 2002)

**SECTION III****NAVAREA XII**

Messages in force 031200Z October 2002:

2001 series 298(GEN)	2002 series 178(GEN)	201(19) 255(GEN)	260(GEN) 270(GEN)	271(19) 273(21)	275(GEN) 276(18)
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The summary of all NAVAREA XII messages in force as of 13 December 2001 is given in Section III of NM 52/01.  
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

**NAVAREA XII WARNINGS issued from 261200Z September to 031200Z October 2002.**

273/02(21). NORTH PACIFIC.

1. DERELICT 45 FOOT F/V ESCUALO ADRIFT VICINITY 10-30N 095-43W.
2. CANCEL THIS MSG 05 OCT.

(282255Z SEP 2002)

274/02. CANCELED.

275/02(GEN).

1. NAVAREA XII MESSAGES IN FORCE 021000Z OCT 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 255(GEN), 260(GEN), 270(GEN), 271(19),  
272(18), 273(21).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
3. CANCEL NAVAREA XII 268/02.

(021020Z OCT 2002)

276/02(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:  

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 272/02.

(030910Z OCT 2002)

### SECTION III

NM 42/02

#### HYDROPACS

Messages in force 031200Z October 2002:

2000 series	412(62)	1592(81)	1696(97)	1764(81)	1806(93)
597(73)	495(62)	1606(73,74)	1699(92)	1765(71)	1807(75)
1557(94)	496(75)	1607(93)	1703(19)	1766(63)	1808(62)
2001 series	637(75)	1618(61)	1712(62)	1767(63)	1810(22)
114(74)	753(62)	1621(81,97)	1714(94)	1772(23,29)	1811(22)
117(73,74)	787(71)	1624(96)	1722(63)	1775(94,95)	1812(22)
182(74)	828(62)	1629(GEN)	1723(81,91,97)	1776(94,95)	1813(61)
725(74)	882(62)	1635(62)	1724(81,92)	1778(63)	1815(63)
1556(71)	1078(72)	1639(81)	1729(94)	1779(63)	1821(GEN)
1636(96)	1147(92)	1642(81)	1732(97)	1780(94,95)	1822(94)
1647(GEN)	1315(62)	1643(81,97)	1735(72)	1784(95)	1823(71)
1929(76)	1336(62)	1646(81)	1738(97)	1785(95)	1824(94)
1976(62)	1513(76)	1651(63)	1749(81)	1786(81)	1825(81)
2062(61)	1516(63)	1661(GEN)	1750(71)	1789(91,93,94)	1828(83)
2002 series	1528(94,97)	1666(81)	1751(81)	1791(61,63)	1829(73,74)
146(62)	1533(81,97)	1668(81,92)	1752(91,92)	1793(95)	1831(81)
196(61)	1548(GEN)	1669(97)	1755(63)	1794(81)	1832(81)
205(GEN)	1550(94)	1670(83)	1757(GEN)	1799(94,95)	1833(94,95)
206(GEN)	1578(61,63)	1675(93)	1759(82)	1800(94,95)	1834(94,95)
207(93)	1579(96,97)	1677(74)	1761(63)	1802(61)	1835(96)
352(73)	1587(19,97)	1685(81)	1762(71)	1803(61)	1836(96)
403(72,73)	1588(75)	1695(71,93)	1763(94,95)	1804(63)	1837(94,95)

The summary of all HYDROPACS in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### HYDROPAC WARNINGS issued from 261200Z September to 031200Z October 2002.

1762/02(71). STRAIT OF MALACCA. MISSILES.

1. HAZARDOUS OPERATIONS 0001Z TO 1601Z DAILY 01 THRU 05,  
07 THRU 12, 14 THRU 19, 21 THRU 26 AND  
28 THRU 31 OCT IN AREA BOUND BY 04-33N 099-48E,  
04-12N 100-17E, 04-52N 100-06E.
2. CANCEL THIS MSG 311701Z OCT.

(261140Z SEP 2002)

1763/02(94,95). YELLOW SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 302300Z SEP TO 130900Z OCT IN AREA  
BETWEEN 34-30N 36-20N AND 124-00E 126-00E.
2. CANCEL THIS MSG 131000Z OCT.

(261150Z SEP 2002)

1764/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 07-14N 171-25E  
AT 261024Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD HONOLULU.

(261335Z SEP 2002)

1765/02(71). MALACCA STRAIT.

CHART 71295 (2ND ED).  
ANGSA BANK LIGHT 03-20N 101-00E TEMPORARILY REPLACED BY  
NORTH CARDINAL BUOY.

(261345Z SEP 2002)

1766/02(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 07 OCT BY M/V MEZEN  
TOWING 6000 METER LONG CABLE IN AREA BOUND BY  
12-16.0N 068-40.0E, 07-46.0N 069-40.0E,  
07-46.0N 076-20.0E, 14-04.0N 073-48.0E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 08 OCT.

(261400Z SEP 2002)

1767/02(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 08 OCT BY M/V C-EXPLORER  
TOWING 6500 METER LONG CABLE IN AREA BOUND BY  
15-04.0N 082-00.0E, 12-07.0N 091-08.0E,  
13-09.0N 092-03.0E, 16-06.0N 089-04.0E,  
18-02.0N 089-08.0E, 19-00.0N 086-00.0E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 09 OCT.

(261415Z SEP 2002)

## SECTION III

1768/02 thru 1771/02. CANCELED.

1772/02(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 26 SEP:
  - A. A-38A, 22 MILES BY 48 MILES IN 64-24S 054-12W.
  - B. A-38B, 22 MILES BY 25 MILES IN 64-12S 055-06W.
  - C. A-38C, THREE MILES BY TEN MILES IN 64-18S 055-12W.
  - D. A-38D, TWO MILES BY TEN MILES IN 64-36S 055-24W.
  - E. A-43B, 13 MILES BY 40 MILES IN 59-12S 048-18W.
  - F. A-43C, 24 MILES BY 41 MILES IN 60-30S 043-06W.
  - G. A-43G, NINE MILES BY 51 MILES IN 58-24S 042-24W.
  - H. A-43I, TWO MILES BY 12 MILES IN 60-12S 043-00W.
  - I. A-46, FOUR MILES BY 11 MILES IN 59-12S 047-06W.
  - J. A-47, NINE MILES BY 14 MILES IN 60-18S 052-30W.
  - K. A-48, NINE MILES BY TEN MILES IN 64-24S 057-30W.
  - L. A-50, TWO MILES BY 11 MILES IN 64-36S 056-30W.
  - M. B-09A, 15 MILES BY 22 MILES IN 60-12S 044-06W.
2. CANCEL THIS MSG 04 OCT.

(270612Z SEP 2002)

1773/02 and 1774/02. CANCELED.

1775/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02, 04, 05, 07 THRU 12, 14 THRU 19, 21 THRU 26 AND 28 THRU 31 OCT IN AREA BETWEEN 36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311100Z OCT.

(271310Z SEP 2002)

1776/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02, 04, 05, 07 THRU 12, 14 THRU 19, 21 THRU 26 AND 28 THRU 31 OCT IN AREA BOUND BY 36-35N 125-36E, 36-35N 124-50E, 37-06N 124-50E, 37-10N 125-36E.
2. CANCEL THIS MSG 311100Z OCT.

(271320Z SEP 2002)

1777/02. CANCELED.

1778/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 01 AND 04 OCT IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 041630Z OCT.

(271340Z SEP 2002)

1779/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 030230Z TO 030530Z AND 031230Z TO 031430Z OCT IN AREA BOUND BY 17-42.2N 083-18.6E, 17-42.1N 083-29.9E, 17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 031530Z OCT.

(271355Z SEP 2002)

1780/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02, 04, 05, 07 THRU 12, 14 THRU 19, 21 THRU 26 AND 28 THRU 31 OCT IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311100Z OCT.

(271405Z SEP 2002)

1781/02 thru 1783/02. CANCELED.

1784/02(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01, 02, 04, 05, 07 THRU 12, 14 THRU 19, 21 THRU 26 AND 28 THRU 31 OCT IN AREA BOUND BY 38-08N 129-51E, 38-08N 130-10E, 37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 311100Z OCT.

(280835Z SEP 2002)

1785/02(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 02, 04, 05, 07 THRU 12, 14 THRU 19, 21 THRU 26 AND 28 THRU 31 OCT IN AREA BETWEEN 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 311400Z OCT.

(280902Z SEP 2002)

### SECTION III

NM 42/02

1786/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 12-01.0N 154-38.8E  
AT 280530Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,  
TELEX: 392401, PHONE: 671 339 6100, FAX: 671 339 6210.

(280923Z SEP 2002)

1787/02 and 1788/02. CANCELED.

1789/02(91,93,94). SOUTH CHINA SEA.

1. DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM RABIGH BAY 3  
VICINITY 21-08.8N 118-25.6E. VESSELS IN VICINITY  
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO PAC RCC, TELEX: 392401,  
PHONE: 808 531 1112, FAX: 808 541 2123.  
2. CANCEL HYDROPAC 1788/02(97), FALSE ALERT.

(281752Z SEP 2002)

1790/02. CANCELED.

1791/02(61,63). ARABIAN SEA.

1. M/V TSH ASTRO LYNX REPORTS INJURED CREWMAN VICINITY  
09-17.6N 054-02.7E AT 290300Z SEP. VESSELS IN VICINITY  
ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST  
IF POSSIBLE. REPORTS TO JRCC PIRAEUS, TELEX: 211588,  
PHONE: 301 0411 2500, FAX: 301 0413 2398.  
2. CANCEL HYDROPAC 1790/02(62,63).

(290345Z SEP 2002)

1792/02. CANCELED.

1793/02(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 01, 02,  
04, 05, 07 THRU 12, 14 THRU 19, 21 THRU 26  
AND 28 THRU 31 OCT IN AREA BOUND BY  
38-25N 128-45E, 38-25N 129-30E,  
38-10N 129-30E, 38-10N 129-00E,  
38-17N 129-00E, 38-17N 128-45E.  
2. CANCEL THIS MSG 311400Z OCT.

(290900Z SEP 2002)

1794/02(81). NORTH PACIFIC.

1. UNDERWATER RESEARCH OPERATIONS DURING DAYLIGHT HOURS  
DAILY 04 THRU 10 OCT BY M/V KAIREI WITH SUBMERSIBLE  
WITHIN ONE MILE OF 19-17.9N 135-06.0E.  
2. CANCEL THIS MSG 11 OCT.

(290920Z SEP 2002)

1795/02 thru 1798/02. CANCELED.

1799/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 030900Z TO 031500Z OCT:  
A. VICINITY OF TRACKLINE JOINING 35-34N 124-07E,  
35-35N 124-12E, 35-37N 124-16E, 35-38N 124-21E,  
35-37N 124-26E, 35-35N 124-30E, 35-34N 124-35E,  
35-33N 124-40E.  
B. IN AREA BETWEEN 35-20N 35-30N AND 124-00E 124-40E.  
2. CANCEL THIS MSG 031600Z OCT.

(301040Z SEP 2002)

1800/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 040001Z TO 040500Z OCT:  
A. VICINITY OF TRACKLINE JOINING 34-41N 124-44E,  
34-44N 124-44E, 34-47N 124-44E.  
B. IN AREA BETWEEN 34-30N 34-55N AND 124-50E 125-00E.  
2. CANCEL HYDROPAC 1797/02(73,74), SIGNAL CEASED.  
3. CANCEL THIS MSG 040600Z OCT.

(301050Z SEP 2002)

1801/02. CANCELED.

1802/02(61). INDIAN OCEAN. MASCARENE ISLANDS. GUNNERY.

1. GUNNERY EXERCISES 031100Z TO 031200Z, 050430Z TO 050730Z,  
050930Z TO 051230Z, 070500Z TO 070800Z, 071030Z TO 071130Z,  
090600Z TO 090900Z AND 100530Z TO 100900Z OCT IN AREA BOUND  
BY 20-53.5S 054-49.0E, 21-12.0S 054-57.0E,  
21-19.0S 054-36.5E, 21-00.0S 054-29.0E.  
2. CANCEL THIS MSG 101000Z OCT.

(301335Z SEP 2002)

## SECTION III

1803/02(61). INDIAN OCEAN. MASCARENE ISLANDS. GUNNERY.

1. GUNNERY EXERCISES 031230Z TO 031330Z, 050600Z TO 050700Z,  
070630Z TO 070730Z, 071200Z TO 071300Z AND  
090500Z TO 090600Z OCT IN AREA BOUND BY  
21-12.0S 054-57.0E, 21-26.0S 055-02.5E,  
21-31.2S 054-47.4E, 21-17.2S 054-42.0E.
2. CANCEL THIS MSG 090700Z OCT.

(301349Z SEP 2002)

1804/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 041030Z TO 041230Z OCT WITHIN 13 MILES  
OF 22-28.7N 069-04.0E.
2. CANCEL THIS MSG 041330Z OCT.

(301628Z SEP 2002)

1805/02. CANCELED.

1806/02(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY 17-45.2N 115-24.8E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401,  
PHONE: 808 531 1112, FAX: 808 541 2123.

(301715Z SEP 2002)

1807/02(75). AUSTRALIA-SOUTH COAST.

SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V GEKO BETA TOWING THREE MILE LONG CABLES IN  
AREA BETWEEN BY 37-40S 37-58S AND 139-51E 140-20E.

(010230Z OCT 2002)

1808/02(62). PIRACY. GULF OF ADEN.

M/V NADI ANCHORED IN 10-41N 044-01E SURROUNDED BY ASSUMED PIRATES.  
VESSELS IN VICINITY REQUESTED TO CONTACT MRCC GRIS NEZ,  
TELEX: 42134002, PHONE: 333 2187 2187, FAX: 333 2187 7855.

(010910Z OCT 2002)

1809/02. CANCELED.

1810/02(22). SOUTH PACIFIC. CHILE. GUNNERY.

1. GUNNERY EXERCISES 0200Z TO 0600Z DAILY 03 AND 04 OCT  
IN AREA BETWEEN 22-50S 23-05S AND 070-40W 070-56W.
2. CANCEL THIS MSG 040700Z OCT.

(011040Z OCT 2002)

1811/02(22). SOUTH PACIFIC. CHILE. GUNNERY.

1. GUNNERY EXERCISES 061400Z TO 062000Z OCT IN AREA  
BETWEEN 23-35S 23-50S AND 070-45W 071-01W.
2. CANCEL THIS MSG 062100Z OCT.

(011050Z OCT 2002)

1812/02(22). SOUTH PACIFIC. CHILE. GUNNERY.

1. GUNNERY EXERCISES 031400Z TO 032000Z OCT IN AREA  
BETWEEN 21-25S 21-40S AND 070-50W 071-06W.
2. CANCEL THIS MSG 032100Z OCT.

(011055Z OCT 2002)

1813/02(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS  
UNTIL 152359Z OCT IN AREA BETWEEN  
09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL THIS MSG 160059Z OCT.

(011150Z OCT 2002)

1814/02. CANCELED.

1815/02(63). ARABIAN SEA.

CHART 705 (3RD ED).  
OCEANOGRAPHIC BUOY, Q 3 SEC, RA REF,  
ESTABLISHED IN 15-33.2N 069-10.2E.

(011401Z OCT 2002)

1816/02 thru 1820/02. CANCELED.

### SECTION III

NM 42/02

1821/02(GEN).

1. HYDROPAC MESSAGES IN FORCE 021000Z OCT 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 1513(76), 1516(63), 1528(94,97), 1533(81,97),  
1548(GEN), 1550(94), 1578(61,63), 1579(96,97), 1587(19,97),  
1588(75), 1592(81), 1606(73,74), 1607(93), 1618(61),  
1621(81,97), 1624(96), 1629(GEN), 1635(62), 1639(81),  
1642(81), 1643(81,97), 1646(81), 1651(63), 1661(GEN),  
1666(81), 1668(81,92), 1669(97), 1670(83), 1675(93),  
1677(74), 1685(81), 1695(71,93), 1696(97), 1699(92),  
1703(19), 1712(62), 1714(94), 1722(63), 1723(81,91,97),  
1724(81,92), 1729(94), 1732(97), 1735(72), 1738(97),  
1749(81), 1750(71), 1751(81), 1752(91,92), 1755(63),  
1757(GEN), 1759(82), 1761(63), 1762(71), 1763(94,95),  
1764(81), 1765(71), 1766(63), 1767(63), 1772(23,29),  
1775(94,95), 1776(94,95), 1778(63), 1779(63), 1780(94,95),  
1784(95), 1785(95), 1786(81), 1789(91,93,94), 1791(61,63),  
1793(95), 1794(81), 1799(94,95), 1800(94,95), 1802(61),  
1803(61), 1804(63), 1806(93), 1807(75), 1808(62), 1810(22),  
1811(22), 1812(22), 1813(61), 1814(94,95), 1815(63), 1816(83).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
3. CANCEL HYDROPAC 1249/02, 1468/02, 1472/02, 1473/02, 1507/02,  
1508/02, 1509/02, 1537/02, 1727/02, 1820/02.

(021120Z OCT 2002)

1822/02(94). PHILIPPINE SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1000Z DAILY  
07, 17, 18, 21, 22 AND 25 OCT IN AREA BOUND BY  
23-43N 122-05E, 23-00N 122-05E, 23-20N 122-38E,  
23-43N 122-38E.
2. CANCEL THIS MSG 251100Z OCT.

(021539Z OCT 2002)

1823/02(71). INDIAN OCEAN. INDONESIA.

1. UNDERWATER OPERATIONS 07 THRU 31 OCT BY M/V YOKOSUKA  
TOWING SUBMERSIBLE IN AREA BOUND BY  
07-50S 106-50E, 09-00S 106-50E, 08-20S 105-30E,  
07-25S 104-10E, 06-40S 104-30E.
2. CANCEL THIS MSG 01 NOV.

(021605Z OCT 2002)

1824/02(94). YELLOW SEA.

1. UNDERWATER OPERATIONS 07 THRU 13 OCT BY  
M/V KAN 407 VICINITY 33-58-38.8N 123-21-14.2E.
2. CANCEL THIS MSG 14 OCT.

(021615Z OCT 2002)

1825/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED VICINITY 12-41.5N 139-57.6E  
AT 021414Z OCT. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO RCC GUAM, TELEX: 392401.

(021620Z OCT 2002)

1826/02 and 1827/02. CANCELED.

1828/02(83). SOUTH PACIFIC. SPACE SHUTTLE.

1. HAZARDOUS OPERATIONS 072000Z TO 072136Z OCT,  
ALTERNATE 081934Z TO 082114Z OCT IN AREA BOUND BY  
42-59S 171-56W, 41-36S 169-09W, 39-57S 166-08W,  
37-18S 161-52W, 35-27S 159-12W, 33-02S 156-03W,  
30-02S 152-30W, 27-58S 150-16W, 25-20S 147-36W,  
21-26S 143-59W, 22-32S 142-31W, 23-09S 141-47W,  
24-00S 142-23W, 27-01S 145-14W, 29-56S 148-15W,  
33-15S 152-02W, 36-04S 155-37W, 38-23S 158-56W,  
40-34S 162-24W, 43-06S 167-03W, 44-49S 170-49W,  
43-46S 171-40W.
2. CANCEL HYDROPAC 1826/02.
3. CANCEL THIS MSG 082214Z OCT.

(021825Z OCT 2002)

1829/02(73,74). TORRES STRAIT.

18 METER F/V, WHITE HULL, REPORTED SUNK IN 10-16.0S 141-37.9E  
AT 011100Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA.

(022130Z OCT 2002)

1830/02. CANCELED.

## SECTION III

1831/02(81). NORTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 12-09.9N 136-30.2E AT 030254Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401, PHONE: 671 339 2001, FAX: 671 339 6210.
2. CANCEL HYDROFAC 1830/02, 1825/02 REFERS.

(030650Z OCT 2002)

1832/02(81). NORTH PACIFIC.

- DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 06-09.4N 136-31.3E AT 030540Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401, PHONE: 671 339 2001, FAX: 671 339 6210.

(030720Z OCT 2002)

1833/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 052000Z TO 060100Z OCT:
  - A. VICINITY OF TRACKLINE JOINING 35-50.0N 124-33.3E, 35-47.4N 124-33.5E, 35-44.8N 124-33.4E.
  - B. IN AREA BETWEEN 35-40.0N 36-10.0N AND 124-20.0E 124-40.0E.
2. CANCEL HYDROFAC 1827/02(75), AID RESTORED.
3. CANCEL THIS MSG 060200Z OCT.

(030740Z OCT 2002)

1834/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 050900Z TO 051500Z OCT:
  - A. VICINITY OF TRACKLINE BETWEEN 36-13N 124-05E AND 36-13N 124-56E.
  - B. IN AREA BETWEEN 35-55N 36-10N AND 124-10E 124-50E.
2. CANCEL THIS MSG 051600Z OCT.

(030750Z OCT 2002)

1835/02(96). SEA OF JAPAN.

- MAN OVERBOARD FROM F/V VOSTOCHNYY VICINITY 46-32N 138-20E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC VLADIVOSTOK, INMARSAT-C: 4925 00379, PHONE: 742 3249 5522, FAX: 742 3249 5895.

(031110Z OCT 2002)

1836/02(96). SEA OF JAPAN.

- SIX MEN OVERBOARD FROM F/V PCX-8241 VICINITY 46-32N 138-20E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC VLADIVOSTOK, INMARSAT-C: 4925 00379, PHONE: 742 3249 5522, FAX: 742 3249 5895.

(031120Z OCT 2002)

1837/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 070001Z TO 072100Z OCT:
  - A. IN AREAS BETWEEN:
    1. 35-15.0N 35-20.0N AND 124-10.0E 124-40.0E.
    2. 35-40.0N 35-45.0N AND 124-10.0E 124-40.0E.
    3. 35-50.0N 36-20.0N AND 124-50.0E 124-55.0E.
    4. 35-50.0N 36-20.0N AND 125-15.0E 125-20.0E.
  - B. WITHIN 500 YARDS OF:
    1. 35-30.0N 124-13.5E. 4. 35-30.0N 124-25.0E.
    2. 35-30.0N 124-37.5E. 5. 35-52.5N 125-05.0E.
    3. 36-05.0N 125-05.0E. 6. 36-17.5N 125-05.0E.
2. CANCEL THIS MSG 072200Z OCT.

(031150Z OCT 2002)

### MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/02 for those in-force as of 19 December 2001, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 3 October 2002: 00-7, 01-1, 01-5, 01-6, 01-7, 02-2 and 02-5.

## **SECTION III**

**NM 42/02**

### **SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/02 for those in-force as of 19 December 2001.

SPECIAL WARNINGS in force 3 October 2002: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

### **SECTION III**

**NM 42/02**

#### **MARINE INFORMATION**

#### **NEW EDITION OF SAILING DIRECTIONS**

Pub. 159, Sailing Directions (Enroute) Japan Volume II, Eighth Edition, 2002, is ready for issue. This publication has been corrected to 24 August 2002, including Notice to Mariners No. 34 of 2002.

Note: Copies of the above publication may be obtained from the Government printing Office (GPO).

#### **CHANGES TO THE 2003 EDITIONS OF NOS TIDE AND TIDAL CURRENT TABLES**

A number of new reference stations have been added to, and three reference stations deleted from, the National Ocean Services' Tide and Tidal Current Tables for 2003. Table 2 "time" and "height" correction factors effected by these changes have been updated based on the new reference stations.

##### Tide Tables 2003-East Coast of North and South America Including Greenland

Bar Harbor, Maine  
Montauk, Fort Pond Bay, New York  
Montauk Point, New York-deleted, replaced by Montauk, Fort Pond Bay  
Duck Pier, North Carolina  
Oregon Inlet Marina, North Carolina  
Port Canaveral, Florida  
Canaveral Harbor Entrance-deleted, replaced by Port Canaveral  
Naples, Florida  
Cedar Key, Florida

##### Tide Tables 2003-West Coast of North and South America Including the Hawaiian Islands

La Libertad, Ecuador  
Isla San Christobal, Galapagos Islands  
Port San Lius Wharf, California  
Monterey, Monterey Bay, California  
Arena Cove, California  
Charleston, Coos Bay, Oregon

##### Tide Tables 2003-Central and Western Pacific Ocean and Indian Ocean

Chuuk, Moen Island, Truk Atoll  
Dublon Island, Truk Islands-deleted, replaced by Chuuk  
Suva, Suva Harbor

##### Tidal Current Tables 2003-Atlantic Coast of North America

Quonset Point, Narragansett Bay, Rhode Island

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_

Email address

Date of Observation \_\_\_\_\_ Time of Observation (Local)\_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft. Yes  No

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes  No

Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

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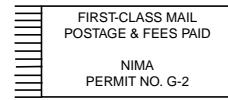
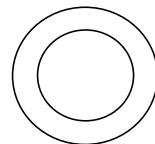
Digitized by srujanika@gmail.com

User Feedback (continue on additional sheets as necessary)

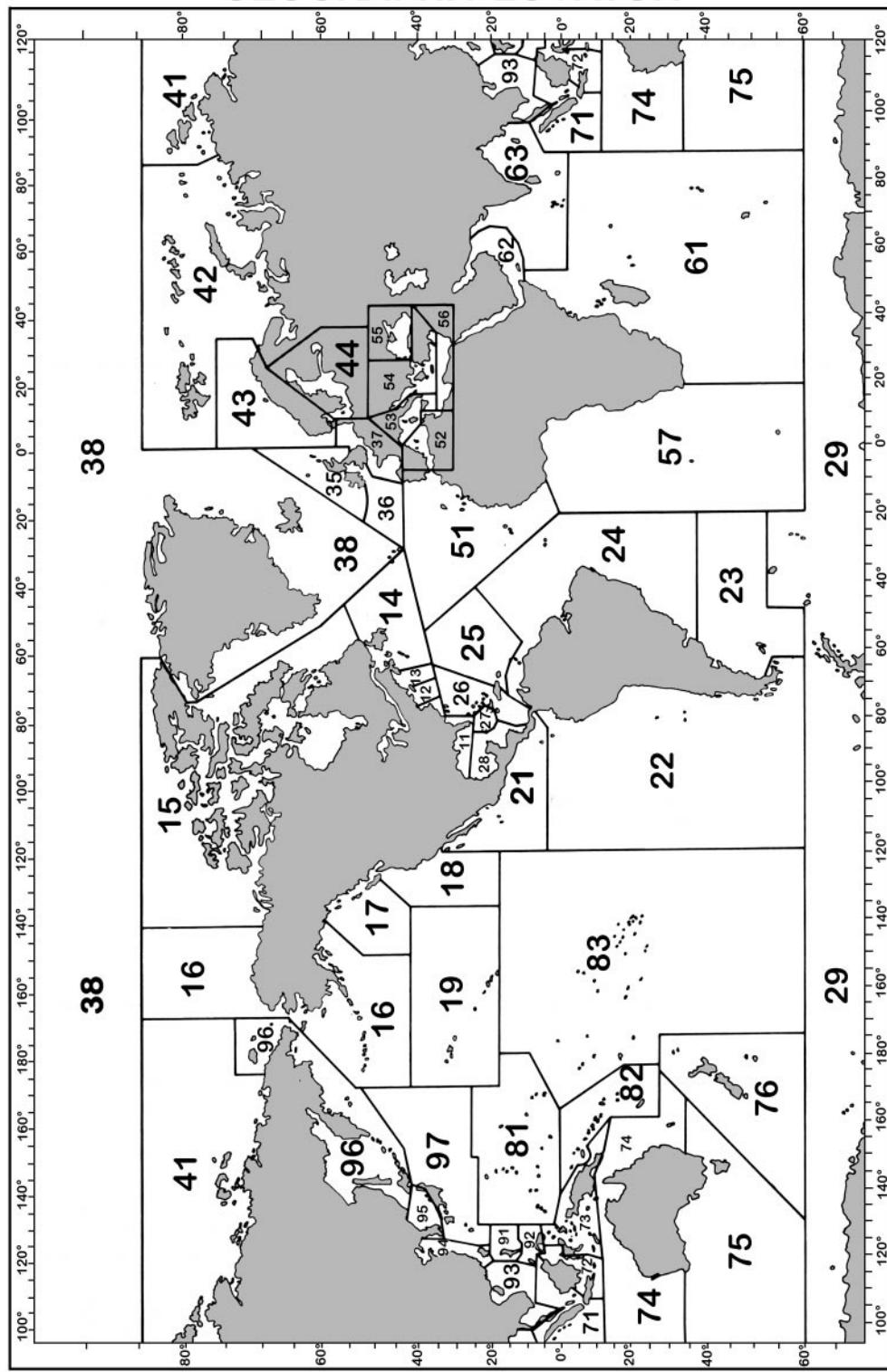


**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

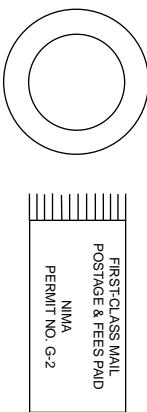
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**